1933]. 1st Quarter. [No. 277

CÚNNTAS RÁITHEAMHAIL NA BPÓSADH, NA MBREITH, AGUS NA MBÁS I SAORSTÁT ÉIREANN.

QUARTERLY RETURN

OF THE

MARRIAGES, BIRTHS AND DEATHS

REGISTERED IN

SAORSTÁT ÉIREANN

DURING THE QUARTER ENDED 31ST MARCH, 1933.

BY PROVINCES, COUNTIES, AND SUPERINTENDENT REGISTRARS' DISTRICTS,

WITH

Certain Detailed information relative to the Deaths in Superintendent Registrars' Districts and in Urban Districts; Notifications of certain Infectious Diseases in Urban and Rural oreas,

Persons Vaccinated, &c., &c., &c.

By Authority of the Registrar-General.

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The Royal Sanitary Institute

Library.

NOTE.—The figures given in this Report, being based on unrevised Registrars' Returns and compiled as soon as possible after the close of the Quarter, must be regarded as provisional. Revised figures appear in the Detailed Annual Report.

The Deaths registered in any part of the country are referred to the normal area of residence of deceased. Deaths of residents of other countries, if any, are allowed to remain in the Districts in which they occur.

The Births registered in each urban area, according to numerical returns furnished by the Registrars, have been partially corrected by the exclusion of those occurring in institutions of infants whose mothers were admitted from other localities. No correction is made in these reports for births in individual rural areas. In Table IV, as a consequence, there is liability to slight under-statement in the births for individual urban districts, and a corresponding overstatement in those given for the aggregate of rural districts.

GENERAL SUMMARY.

The Marriage-rate for the first quarter of 1933 was $4 \cdot 8$ per 1,000 of the estimated population. This rate is 0.3 below the average for the corresponding quarter of the ten years, 1923-32. The marriage rate among Catholics was 5.0, and among all other denominations, 2.9.

In Northern Ireland the marriage rate for the fourth quarter of 1932 was 5.6 per 1,000; in

England and Wales, 8.0, and in Scotland 6.7, as compared with 4.4 for Saorstat Eireann.

The Birth-rate was $18\cdot 4$ per 1,000, representing 13,739 births registered. This rate is 1.4 below the average $(19\cdot 8)$ for the first quarters of the ten years, $1923\cdot 32$. For Dublin City the birth rate was $25\cdot 2$; for Dun Laoghaire, $16\cdot 0$; for Cork, $23\cdot 2$; for Limerick, $24\cdot 0$; and for Waterford, 28 8.

The corresponding birth-rate for NorthernIreland during this quarter was 19·3; for England and Wales, $15\cdot 0$; and for Scotland, $18\cdot 0$. The birth-rate for Belfast was $21\cdot 5$; for Londonderry, $27\cdot 4$; for London, $13\cdot 8$; for Glasgow, $20\cdot 0$; and for Edinburgh, $15\cdot 3$.

The rate in respect of **Deaths** registered (numbering 12,922) was 17.3, being 0.3 below the average $(17 \cdot 6)$ for the first quarters of the preceding ten years.

For Dublin City the death-rate was $20 \cdot \hat{8}$; for Dun Laoghaire, $17 \cdot \hat{8}$; for Cork, $18 \cdot \hat{3}$; for

Limerick, 24.8; and for Waterford, 16.5.

In Northern Ireland the death-rate for the quarter under review was 19.5 per 1,000; in England and Wales, $17 \cdot 2$; and in Scotland, $17 \cdot 1$. In Belfast, the rate was $22 \cdot 5$; in Londonderry, $17 \cdot 9$; in London, $17 \cdot 3$; in Glasgow, $16 \cdot 6$; and in Edinburgh, $16 \cdot 8$.

Deaths from the Principal Epidemic Diseases (comprising typhoid fever, typhus, small-pox, measles, scarlet fever, whooping-cough, diphtheria, dysentery and diarrheal diseases) afforded an annual rate of 0.6 per 1,000, which is equal to the average for the first quarters of the five years, 1928-32.

The mortality from Influenza was equivalent to a rate of 1.5 per 1,000; the average for the corresponding quarters of the preceding five years was 0.8.

The rate for deaths from all forms of Tuberculous Disease was 1.2 per 1,000, which is 0.2 below the average rate for the first quarters of the five years preceding.

Deaths from **Puerperal Conditions** are represented by a rate of 5·2 per 1,000 births registered, comprising 1·2 for puerperal sepsis and 4·0 for other puerperal conditions, as compared with 1·5 and 3·3 for the first quarter of 1932.

The Infant Mortality rate (deaths of infants under one year of age per 1,000 births registered) was 78, in comparison with an average of 83 for the first quarters of the ten years, 1923-32.

The Population in the middle of 1933 is estimated as 2,992,000 persons (comprising 1,524,000 males and 1,468,000 females) showing an increase of 18,000 on the estimate for the middle of 1932. This increase is derived from the natural increase (excess of births over deaths), and the excess of immigration over emigration.

The Natural Increase during the first quarter of 1933 was 817, as compared with an average of 1,686 for the first quarters of the ten years, 1923-32.

During the first quarter of 1933, the number of Emigrants to places out of Europe and not within the Mediterranean Sea was 177, and the number of Immigrants from these places 637.

MARRIAGES.

The marriages registered during the quarter ended 31st March, 1933, numbered 3,611, equivalent to an annual rate of 4·8 per 1,000 of the estimated population, this rate being 0·5 above that for the corresponding quarter of 1932, and 0·3 below the average for the first quarter of the ten years, 1923-32 (See Table I). Of the total Marriages 3,453 (or 5·0 per 1,000 of the estimated number of Catholics in the population) were those of Catholics, and 158 related to all other denominations, equivalent to 2.9 per 1,000 of the population other than Catholic. The marriage-rate among Catholics is 0.3 below, and that among other denominations also 0.3 below, the respective averages for the first quarters of the preceding ten years.

BIRTHS.

Births registered in the 642 Registrars' Districts into which Saorstát Éireann is divided for registration purposes, amounted to 13,739, of which 7,060 were those of males and 6,679 of females, or 1,057 of the former to 1,000 of the latter.

The birth-rate was 18.4 per 1,000 of the estimated population, being 1.4 below the average

(19.8) for the first quarters of the ten years, 1923-32 (See Table I).

The birth-rate for Urban Districts (including the cities or boroughs) was 23.3 and for Rural Districts, 16.3, as compared with 22.1 and 16.7 respectively, in the first quarter of 1932 (See Table IV).

For the Twelve Principal Towns, the birth-rate was $24 \cdot 4$, as against $23 \cdot 1$ in the corresponding

quarter of last year.

Amongst these towns, the birth-rate varied from 33.2 for Galway, 29.1 for Kilkenny, and 28.8 for Waterford to 16.0 for Dun Laoghaire, 16.8 for Wexford, and 19.0 for Tralee.

DEATHS.

The number of deaths registered during the quarter was 12,922, and of these 6,463 were deaths of males and 6,459 of females. For all persons the equivalent annual rate was $17\cdot 3$ per 1,000 of the estimated population, being $0\cdot 3$ below the average for the first quarters of the preceding decennium, and 0.4 below the rate for the first quarter of the year 1932 (See Table I).

For the **Urban Districts** in the aggregate, the death-rate was 19·4 as compared with 19·1 in the first quarter of 1932, and for **Rural Districts**, 16·4 in comparison with 17·1 for the

corresponding period of the preceding year.

The annual rate represented by deaths from all causes for the Twelve Principal Towns was 20·1, as compared with 19·7 in the first quarter of 1932.

In the quarter under review, the rates for these towns are hereunder given, ranging in order from the district with the lowest rate to that with the highest:—Dundalk, 12·3; Tralee, 15.6; Galway, 15.7; Waterford, 16.5; Wexford, 17.2; Dun Laoghaire, 17.8; Cork, 18.3; Dublin, 20.8; Sligo, 22.4; Kilkenny, 23.1; Limerick, 24.8 and Drogheda, 25.2.

Causes of Death.

In Table II, the mortality from some of the principal causes is given for the first quarter of 1933 and for each quarter of the preceding five years, as well as the averages for each quarter of these years.

Principal Epidemic Diseases.—From this Table it will be seen that the number of deaths (418) from this group of causes is one less than that for the first quarter of 1932, and 30 below the average for the first quarters of the five years, 1928-32. Increases are shown in scarlet fever and diphtheria in comparison with the average for the previous five years. The increase in scarlet fever amounted to 45 per cent., and in diphtheria to 33 per cent. when compared with the average.

Decreases have occurred in all the other diseases of the group, the decrease in measles

amounting to 39 per cent. of the average.

Deaths from diarrhoea and enteritis of children under 2 years, numbered 105; of these 55 (or 10.6 per 1,000 births) were recorded for urban areas, as against 50 (or 5.9 per 1,000 births) for rural areas. For urban areas of 10,000 population and upwards ("Twelve Principal Towns"), the mortality was 9·3 per 1,000 births, as compared with 15·7 per 1,000 for urban districts with less than 10,000 inhabitants.

Table III. shows that the mortality from the principal epidemic diseases in the Counties and Cities varied from 0.2 per 1,000 of the population for each of the counties of Laoighis, Longford, Meath, Wicklow, Clare, Galway and Donegal, to 2.2 for Limerick County Borough.

The death-rate from these diseases in relation to the twelve principal towns in the aggregate, was 1.1 and the rates fluctuated between 0.1 for Dun Laoghaire and 2.2 for Limerick; the 245 deaths from all causes for the latter city, including 9 from whooping-cough, 10 from diphtheria, and 3 from diarrhea and enteritis of children under 2 years (Table IV).

Influenza.—Deaths from influenza amounted to 1,107, affording an annual rate of 1.5 per 1,000. This mortality represents a considerable increase over the average for the preceding five years, viz. 618 deaths, with a rate of 0.8. Of the 1,107 deaths, 324 appertained to urban areas, representing 1.5 per 1,000 of the population, and 783 to rural districts, also affording a rate of 1.5; the corresponding rates for the first quarter of 1932 were 0.9 and 1.2.

Tuberculosis.—The number of deaths from all forms of this disease during the quarter was 920, equivalent to an annual rate of 1 · 2 per 1,000 of the population, as compared with an average of 1,082, and a rate of 1.5 for the first quarters of the five years, 1928-32. As may be seen from Table III, the rates varied from 2.0 for the city of Dublin, 1.8 for Kildare county, and 1.6 for Dublin county and Cork county borough to 0.6 for Waterford county borough, and 0.7 for the counties of Offaly, Cavan and Monaghan. The rate for the aggregate city or borough areas and urban districts was 1.8 per 1,000 of the population of these areas, as compared with 1.0 for rural areas. For the twelve principal town areas the rate was 1.8 and for urban districts under 10,000 population it was 1.7.

Puerperal Conditions.—The number of deaths ascribed to accidents and diseases of pregnancy and childbirth, was 72, being equal to $5\cdot 2$ per 1,000 births registered. Of the 72 deaths, 17 were due to puerperal sepsis, or $1\cdot 2$ per 1,000 births, and 55, or $4\cdot 0$ per 1,000 births, to other puerperal conditions. The corresponding rates for the first quarter of 1932 were $1\cdot 5$ and 3.3 respectively.

Ages at Death.

Of the total deaths at all ages registered during the quarter, 1,067 or $8\cdot3$ per cent. were those of infants under one year of age, and 6,186 or $47\cdot9$ per cent. were those of persons 65years and upwards.

Infant Mortality.—The infant mortality was 78 per 1,000 births registered, as compared with 73, 61 and 73 respectively, for the three preceding quarters, and an average of 83 for

the first quarters of the ten years preceding (Table I).

For county boroughs and urban districts in the aggregate, the rate was 105, and for all rural districts 61 per 1,000 births (Table III).

Deaths in Public Institutions.

Deaths in Institutions numbered 3,530, or 27.3 per cent. of all deaths registered.

Inquests.

There were 289 inquests or deaths registered on Coroners' Certificates during the quarter this number being 2.2 per cent. of the total deaths registered.

Uncertified Deaths.

The number of deaths in cases where there was no medical attendant during the last illness (not including deaths registered on Coroners' Certificates) was 2,688 or 20.8 per cent. of the total deaths.

Cases of Infectious Diseases Notified.

Table VI gives the number of such cases notified during the quarter in urban and rural districts. The total number amounted to 2049.

Vaccination.

As returned by the Registrars, the number of successful primary vaccinations during the quarter ended 31st March last was 4,955, or 36 1 to every 100 births registered during the quarter, the corresponding ratio for the first quarters of the five years 1928-32 being 43.9.

CITY OF DUBLIN.

BIRTHS.

Exclusive of 284 births in institutions relating to residents of other localities, the number of births recorded for the city of Dublin during the quarter under review was 2,642. The annual rate represented thereby was 25·2 per 1,000 of the estimated population, as compared with a rate of 24 · 2 for the corresponding quarter of 1932. The total births registered (2,926) comprise 1,495 boys and 1,431 girls.

DEATHS.

Omitting 235 deaths registered in the city relating to other localities, but including those of city residents registered elsewhere in Saorstat Eireann, the deaths ascribed to the city of Dublin for the quarter numbered 2,179, equivalent to an annual rate of 20.8 per 1,000 of the population, as compared with 19.6 for the first quarter of 1932. The total number of deaths registered in the city was 2,364-1,178 males and 1,186 females.

For the portion of the city north of the Liffey, the death-rate from all causes was 20.3 as compared with 21.1 for the south side. In the first quarter of 1932 the rate was 19.4 on both sides. The mortality for these portions of the city is derived from figures partially corrected for deaths in institutions, as given in Table V., which shows the mortality for each Registrar's District, by ages and by some of the principal causes, for the quarter (thirteen weeks) ended 1st

April. 1933.

Causes of Death.

The following statement shows the number of deaths from some of the principal causes for the first quarter of 1933, as compared with 1932:-

	CITY O	F DUBLIN	Market Market
	CAUSE OF DEATH	First Quarter, 1933	First Quarter, 1932
0	Typhoid fever	3	
Epidemic ases	Typhus ,,	on his work	ANGEL.
de	Small-pox Measles	48	
pi	Measles Scarlet fever	40	5 8
Principal Epi Diseases	Whooping-cough	11	28
is	Diphtheria	30	18
P. C.	Dysentery		1
in	Diarrhoea and enteritis	22	28
집	(children under 2 years)	1	A STATE OF THE PARTY OF THE PAR
Infly	ienza	166	91
	nonary tuberculosis	175	157
	er forms ,,	35	40

The outstanding features disclosed by this statement are considerable increases in deaths from measles and from influenza, as compared with the same quarter of last year.

Principal Epidemic Diseases.—The deaths from this group of causes numbered 121, affording an annual rate of 1.2, as compared with 0.8 for the first quarter of the preceding year.

Influenza.—The deaths attributed to influenza (166) afford a rate of 1.58, as against 0.88

in the first quarter of 1932.

Tuberculosis.—The deaths from all forms of tuberculous disease recorded for the city numbered 210, representing an annual rate of 2.00, as compared with 1.89 for the first quarter

The mortality from tuberculosis in the north side of the city was 2.08, and in the south, 1.91, the respective rates for the first quarter of 1932 being 1.79 and 2.01.

Of the 210 deaths, 175 were ascribed to pulmonary and 35 to other forms of the disease, the former representing a rate of 1.67 per 1,000 and the latter 0.33 per 1,000.

Ages at Death.
Of the 2,179 deaths relating to the city of Dublin, as registered during the quarter, 474 (or 21.8 per cent.) were those of children under five years of age, and 712 (or 32.7 per cent). were of persons 65 years of age or upwards, the corresponding percentages in respect of the first quarter of 1932 being 20.0 and 33.9.

The Infant Mortality, based on 266 deaths of infants under one year of age, was 101 per

1,000 births. In the first quarter of 1932 the rate was 106.

Deaths in Public Institutions.

The deaths of Dublin residents occurring in public institutions, as registered during the quarter, numbered 986, or 45.3 per cent. of total deaths.

Cases of Infectious Disease.

The number of cases of infectious disease notified during the quarter, as shown in Table VI, was 554. Table VII gives the number of cases under treatment in Dublin hospitals during the quarter.

METEOROLOGY.

The mean temperature for the twelve weeks ended 25th March, 1933, deduced from the mean weekly temperature as returned from the Ordnance Survey Office, Phenix Park, Dublin, was $40\cdot 5^{\circ}$, and at Cork (Roche's Point) it was $44\cdot 2^{\circ}$; for the thirteen weeks ended 1st April it was $41\cdot 4^{\circ}$ at Peamount Sanatorium; $41\cdot 6^{\circ}$ at Greenwich; $40\cdot 3^{\circ}$ at Glasgow; and $40\cdot 4^{\circ}$ at Edinburgh.

The mean daily number of hours of bright sunshine recorded at Dublin was $3 \cdot 0$; at Peamount Sanatorium, $3 \cdot 3^*$; at Cork (Ballinacurra), $2 \cdot 9$; at Greenwich, $2 \cdot 7$; at Glasgow $2 \cdot 3$; and at Edinburgh, $3 \cdot 7$.

The rainfall during the same periods measured at Dublin 7.56 inches; at Peamount Sanatorium, 6.54 inches; at Cork (Roche's Point), 9.17 inches; at Greenwich, 5.17 inches; at Glasgow, 8.53 inches; and at Edinburgh, 4.64 inches.

The following information has been kindly furnished by the Director of the Meteorological Office, London:—

January.

The weather of January was variable, but unusually sunny, and in the east and south it was also dry. The first half of the month was unsettled and mainly mild, with occasional rain and bright periods. There ensued a cold spell, with much inland mist or fog, from the 16th to the 18th; and from the 20th to the 28th, inclusive, cold, dry anticyclonic conditions prevailed, with winds mainly from between east and south. Unsettled weather set in again on the 29th. Mean temperature for the month was everywhere below the normal, the greatest deficiency being 2·8°F. at Kilkenny and Ballinacurra. The extreme temperatures were 59°F. at Trinity College, Dublin, on the 2nd, and 18°F. at Kilkenny on the 26th. The coldest day occurred generally about the 17th; on that day maxima of 31°F. and 33°F. were registered at Birr Castle and Phoenix Park, Dublin, respectively. Rainfall was, on the whole, below the normal in the east and south, and slightly above in the west and north-west. Sunshine was abundant for the time of year, amounting in some places to more than 150 per cent. of the normal.

February.

The first nine days of February were mild and unsettled, with temperature rising above 55°F. at times, particularly on the 4th, 5th, 8th and 9th. On the 10th colder conditions set in and persisted until about the 27th. Rainfall was well below the normal in most western districts (locally in County Kerry the total was only 40 per cent. of the normal) and well above in eastern districts. The most noteworthy feature of the weather of the month was the great snowstorm of the 23rd-24th. In some places the level snow was from 1 to 2 feet deep and the strong easterly winds caused deep drifts. Road traffic was completely disorganised in many parts. At Hacketstown Rectory, Co. Carlow, there were drifts from 6 to 8 or 10 feet deep. The gale was very severe at Kingstown on the 24th, when a mean hourly velocity of 68 m.p.h. was registered. Sunshine aggregates were, on the whole, above the normal, particularly in the south.

March.

March was unusually warm for the time of year, day temperatures being persistently high, and the mean temperature for the month was about 3°F. above the normal. The warmest periods were around the 11th and 12th, and the 27th and 28th. Day temperature rose to 60°F. or above at many places during the latter spell, and touched 66°F. at Kilkenny on the 28th. Rainfall was variable but, on the whole, above the average, especially in the southern half of the country: at Valentia Observatory it amounted to 145 per cent. of the normal. The heaviest daily falls occurred as a rule on the 8th and between the 15th and 19th, but at Valentia the largest measurement, 28 mm., occurred on the 23rd. Sunshine aggregates were below the normal in most west and south-west districts, and slightly above in eastern districts.

* Record for 9 weeks only.

TEMPERATURE	Park,	WIND	Mean Force (Beaufort Scale 0—12)	1	9.6	0 6	0.1	1.1	600	25.	1.9	2.7	80.61	2.4	4.6	3.1	-	2.2	-
Table Errors Pressure Press		8	Number of Days		10	10	61	0	10	9	60	4	7	4	4	H	- Commence	46	
TemPerature Parkers	at Fnæ	AINFALL	Deviation from Normal	mm.	6+	7	6	-12	+12	7	-10.	+56	+15	4-	-25	+		+51	
The Base Termerature The Base The Ba	STNGBS	H	JanomA IstoT	mm.	23	6	က	0	23	5	1	04	27	00	00	15	-	192*	
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TEMPERATURE Temperation from Normal Temperature Weeks ended March 25th, 1938. Temperature Temperature		BRIGHT	Devistion from Normal	hrs.	+2.5	+2.1	-1.0	8.0+	4.0-	6.0-	+1.2	+0.3	-2.0	+0.4	+1.2	-0.3		+0.3	
PRESSURE TENTERATURE HYGROMETR HYG		702	Mean Dally Amount	hrs	4.1	3.00	8.0	2.8	1.7	1.4	3.9	3.3	1.0	4.2	4.7	4.0		3.0	1
PRESSURE PRESSURE TEMPERATURE TEMPER	h, 1933	TER	Mean Humidity	%	85	92	16	833	91	88	06	88	91	62	87	69		98	
PRESSURE PRESSURE TEMPERATURE TEMPER		GROME	Mean of Wet Bulb	°F.	40.4	38.1	31.8	31.0	40.1	44.1	34.1	32.7	40.6	43.0	42.2	40.7			
Where Ended to Mean Sea 14th 1006.8 — 5.6 48.4 9 14th 1006.8 — 5.6 48.4 9 21st 1010.8 — 8.2 39.3 2 28th 1013.7 + 19.1 39.9 9 25th 1013.0 + 17.0 45.4 68.3 38.9 25th 1013.0 + 17.0 46.3 3 3 3 2 25th 1013.0 + 10.2 47.3 3 3 3 3 2 25th 1013.0 + 10.2 47.3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	ded Ma	HA	Mean of Dry Bulb	er.	42.3	39.1		32.7	41.3	45.4	35.0	33.8	41.7	45.7	43.8	44.7		39.9	eks
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Where Ended to Mean Sea 14th 1006.8 — 5.6 48.4 9 21st 1006.8 — 5.6 48.4 9 21st 1010.8 — 8.2 39.3 2 28th 1013.7 — 9.4 48.7 89.9 25th 1012.8 +0.2 39.9 25th 1013.0 +0.2 47.3 3	in, for	TEMPE	Mean of A. & B.	°F.	43.1	40.5	33.6	33.1	41.5	6.9	37.3	33.5	41.2	45.9	44.5	45.0		40.5	A LANGE
Tth, 1933 Deviation from Normal Ath 1933 Deviation from Normal Ath 1025 6 112.4	Dubl		Minimum B.	S.F.	37.9	32.6		26.3	34.4	42.1	29.1	27.0	36.1	39.0	35.0	37.1		33.7	
PRESSE P			A mumixeM	·F.	48.4	48.4	39.3	39.9	48.7	51.6	4.24	39.9	46.3	52.9	53.9	52.9	1	47.3	
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	PB	AIR		1	TEMPE	TEMPERATURE			HYG	HYGROMETER	ER	50	BRIGHT SUNSHINE*	## ##	Ä	RAINFALL	Į.	WIND
Werk Ended	ses naeM od beeurber enlaV	Level	Maximum A.	Minimum B.	Mean of A. & B.	Deviation from Mormal	Highest	Lowest	Mean of Dry Bulb	Mean of Wet Bulb	Mean Humidity	Mesn Daily Amount	Deviation from Mormal	Percentage of Possible	JunomA latoT	18m70N mort noitsived	Number of Days	Mean Force (Beaufort Scale 0—12)
	mb.	mb.	I.o.	H.	°F.	- Ho	I.	E.	- A.	J.	%	hrs.	hrs.	0	mm	mm		
Jan. 7tb. 1933	1008.9	1 6.	49.3	41.4	45.3	+1.1	53	35	46.7	6.14	98	2.5	6.0+	35%	51	+23	9	4.0
-	1027.3	1 00	48.6	41.7	45.1	+2.5	53	67	45.3	43.9	68	2.6	6.0+	33	16	8	4	3.0
	1009.6	- 9.	4.1.6	35.7	40.1	-3.8	47	28	40.4	38.4	82	2.1	+0.3	26	13	6	¢1	4.0
	-	1 9.	41.9	87.1	39.5	2.4	47	29	38.0	35.6	69	1.7	6:0-	20	0	-22	0	4.0
	1006.5		48.4	39.9	44.1	+0.5	53	93	9.94	44.0	287	8.0	-1.4	6	35	+13	20	3.3
,, 11th	1014.9		9.19	16.1	48.9	+2.4	55	35	6.84	47.1	28	5.0	40.5	31	00	-17	4	3.6
	1030.6		46.6	36.3	41.5	-1.8	49	60	42.3	39.5	200	5.5	+2.2	56	100	-22	A	3.1
,, 25th	1012.9	6.	43.1	35.0	39 · 1	6.4-	47	60	39.5	37.0	22	3.5	0.0	100	11	-10	63	4.3
Mar. 4th	998.2		48.6	42.6	45.6	+1.7	52	30	45.6	43.9	28	2.5	-1.1	20	34	+14	7	3.6
,, 11th	1009.3		20.0	44.4	47.2	+3.9	52	42	47.5	43.0	73	3.1	-1.5	28	35	+16	က	4.0
,, 18th	1005.0		51.3	41.7	46.5	+2.0	53	98	46.5	6.27	95	4.9	6.0+	41	21	+4	9	4.3
" 25th	1012.4	- 4.	20.1	44.6	47.3	+3.0	51	38	6.24	44.5	74	4.1	2.0-	34	00	00	60	4.7
																-		
MEANS	1013.4	1	47.8	40.5	44.2	+0.5	55	28	44.6	42.4	67	2.0	+1.5	30	233+	-23	43	3.8

Table I.—Marriages Births and Deaths registered in Saorstát Éireann, in the years 1923 to 1933, by quarters.

			3.319	Num	BERS			RA	TES	B
YEAR A	ND QUAR	RTER	Marriages	Births	DE	ATHS	Per mate	1,000 of I	Esti- tion	Deaths
31 (3)			Maringes	Dittils	All ages	Under one year	Marriages	Births	Deaths	one yea per 1,000 Births
-	Average	1923-27	14,252	61,678	43,293	4,332	4.8	20 · 7	14.5	70
Year		1928 1929 1930 1931 1932	13,716 13,593 13,631 13,133 13,085	59,176 58,280 58,353 57,086 56,167	41,792 42,991 41,702 42,947 42,957	4,016 4,102 3,965 3,935 4,010	4·7 4·6 4·6 4·4 4·4	20·1 19·8 19·8 19·3 18·9	14·2 14·6 14·2 14·5 14·4	68 70 68 69 71
1	Average	1923-32	13,842	59,745	42,885	4,169	4.7	20 · 1	14.4	70
(Average	1923-27	4,050	15,230	12,866	1,249	5.4	20 · 4	17 · 2	82
First Quarter		1928 1929 1930 1931 1932	3,748 3,342 3,964 3,518 3,181	14,593 14,151 14,481 14,304 13,596	12,578 13,960 12,666 13,686 13,189	1,213 1,266 1,165 1,288 1,078	5·1 4·5 5·4 4·8 4·3	19·8 19·2 19·7 19·3 18·3	17·1 19·0 17·2 18·5 17·7	83 89 80 90 79
-	Average	1923-32	3,800	14,727	13,041	1,225	5 · 1	19.8	17 · 6	83
1	Average	1923-27	3,450	16,264	11,550	1,073	4.6	21 · 8	15 · 5	66
Second Quarter	Average	1928 1929 1930 1931 1932	3,251 3,383 3,077 3,128 3,181 3,327	15,840 15,345 15,305 15,142 14,758	11,062 10,895 10,751 11,293 11,242	985 1,014 1,038 1,045 1,070	4·4 4·6 4·2 4·2 4·3	21·5 20·8 20·8 20·5 19·8	15·0 14·8 14·6 15·3 15·1	62 66 68 69 73
-	Average	1923-27	3,634	15,770	8,827	995	4.9	21 · 1	11.8	63
Third Quarter		1928 1929 1930 1931 1932	3,557 3,720 3,489 3,579 3,478	14,868 14,993 14,862 14,410 14,779	8,561 8,524 8,435 8,364 8,882	844 885 777 714 905	4·8 5·1 4·7 4·8 4·7	20 · 2 20 · 4 20 · 2 19 · 5 19 · 9	11·6 11·6 11·5 11·3 11·9	57 59 52 50 61
1	Average	1923-32	3,600	15,276	8,690	910	4.8	20 · 6	11.7	60
-	Average	1923-27	3,118	14,414	10,050	1,015	4.2	19 · 3	13.5	70
Fourth Quarter		1928 1929 1930 1931 1932	3,160 3,148 3,101 2,908 3,245	13,875 13,791 13,705 13,230 13,034	9,591 9,612 9,850 9,604 9,644	974 937 985 888 957	4·3 4·3 4·2 3·9 4·4	18·8 18·7 18·6 17·9 17·5	13·0 13·1 13·4 13·0 13·0	70 68 72 67 73
	Average	1923-32	3,115	13,971	9,855	982	4.2	18 · 8	13.3	70
1st Qu 2nd 3rd 4th	narter, 193	3	3,611	13,739	12,922	1,067	4.8	18•4	17:3	78

TABLE II.-Deaths from some of the principal causes registered in Saorstat Eireann during each of the years 1928-33 by quarterly periods, with the rates represented thereby.

MORTALITY BY COUNTIES, &c.

Table III.—Showing for Counties, etc., the Death-rates from all Causes, and from some of the Principal Causes, per 1,000 of the population, with the mortality per 1,000 births represented by deaths of infants and deaths from puerperal conditions, during the quarter ended 31st March, 1933.

(See Note on Second Page).

All		LATION	FROM		Deaths	DEAL	COND	M PUERP	
All					Of		COND.	ITIONS	
All	77. 4	Tuber	culosis		Infants under one	Tot	al	Puerl Sep	
Causes	Principal Epidemic Diseases*	All Forms	Pul- monary	Influ- enza	year per 1,000 Births ‡	Number	Rate per 1,000 Births ‡	Number	Rate per 1,000 Births
17.3	0.6	1 · 2	1.0	1.2	78	72	5 · 2	17	1.2
17.1 17.4 20.8 17.7 15.7 17.1 18.0 18.2 17.7 14.6 15.6 16.3 17.5	0.9 0.9 1.2 1.0 0.3 0.2 0.3 0.2 0.8 0.3 0.5 0.2	1.3 1.6 2.0 1.8 0.9 1.5 0.9 1.5 0.7 0.8 1.2 1.5	1.2 1.2 1.7 1.4 0.7 1.3 0.7 1.1 0.8 0.5 0.5 0.8 1.3	0.8 1.6 1.0 0.6 1.9 3.2 1.5 1.1 1.6 0.6 0.9	74 117 101 132 83 67 110 65 63 67 93 77	2 1 2 1 1 2 1 2 1 2 1 3	12.3 0.8 4.4 6.6 5.2 6.5 6.8 4.2 9.0 7.7	1	0.4
18.5	0.7	1.5	1.2	1.4	90	18	3.1	1	0.2
17.9 15.0 18.3 13.0 18.7 24.8 16.3 16.4 17.6 16.5	0.2 0.3 0.7 0.5 0.8 2.2 0.3 0.4 0.5	0.9 1.1 1.6 1.0 1.1 1.1 1.3 1.0 0.9 0.6	0.8 0.8 1.3 0.8 0.9 0.8 1.0 0.7 0.6 0.5	2.1 0.8 0.7 1.0 2.1 2.4 1.3 0.9 0.8 0.3	57 62 90 63 88 186 68 90 79	% 4 4 4 2 6 33 1 1 2 2 1	5.7 3.6 8.8 11.8 12.7 3.0 7.5 5.2	1 1 1 2 2 2	2 8 0,9 2·2 1.8 3·9 8·4
16.4	0.5	1.1	0.8	1.2	80	26	6.0	9	2.1
14.7 20.9 14.1 15.7 19.1	0.2 0.4 0.3 0.3 0.6	0.9 1.2 1.0 1.1 1.3	0.7 0.7 0.8 1.0 0.9	0.8 3.1 1.1 1.1 2.0	47 76 .52 42 85	6 2 11 3 3	7.0 10.2 15.4 9.8 12.1	2 1 2 1 1	2·3 t.1 2·8 3·3 4.0
15.9	0.3	1.0	0.8	1.3	. 54	25	10.8	7	3.0
17.6 19.2 20.9	0.5 0.2 0.6	0.7 1·3 0.7	0.5 1.0 0.6	1.7 3.5 3.4	61 52 54	2 1	3.1		
19.1	0.4	1.0	0.8	3.0	55	3	2.5		
20.1 16.9 19.4	1.1 0.8 1.0	1.8 1.7 1.8	1.5 1.3 1.4	1.5 1.3 1.5	106 104 105	10 6 16	1		1.0 1.0 1.0
	17.1 17.4 20.8 17.7 15.7 15.7 17.1 18.0 16.3 16.3 16.3 16.4 14.7 20.9 14.6 15.9 16.3 16.3 16.3 16.3 16.3 16.5	17.1 0.9 17.4 0.9 17.4 0.9 17.4 0.9 20.8 1.2 17.7 1.0 15.7 0.3 17.1 0.2 18.0 0.2 18.2 0.3 17.7 0.2 14.6 0.8 15.6 0.3 16.3 0.5 17.5 0.2 18.5 0.7 17.9 0.2 18.0 0.3 18.3 0.7 17.9 0.2 18.3 0.5 18.7 0.8 18.3 0.7 18.3 0.5 18.7 0.8 24.8 2.2 16.3 0.3 16.4 0.4 17.6 0.5 16.5 1.5 16.4 0.5 14.7 0.2 20.9 0.4 14.1 0.3 15.7 0.3 19.1 0.6 15.9 0.3 17.6 0.5 19.2 0.2 20.9 0.6 19.1 0.4 20.1 1.1 16.9 0.8 19.4 1.0	17.1 0.9 1.3 17.4 0.9 1.6 20.8 1.2 2.0 17.7 1.0 1.8 15.7 0.3 0.9 18.0 0.2 0.9 18.0 0.2 0.9 18.1 0.2 1.0 17.7 0.2 1.0 14.6 0.3 0.5 1.2 17.5 0.2 1.5 18.5 0.7 1.5 18.5 0.7 1.5 18.3 0.5 1.2 17.5 0.2 1.5 18.3 0.7 1.6 13.0 0.5 1.2 15.6 0.3 1.1 15.0 0.3 1.1 18.3 0.7 1.6 13.0 0.5 1.2 15.0 0.3 1.1 18.3 0.7 1.6 15.0 0.3 1.1 18.3 0.7 1.6 15.0 0.3 1.1 18.3 0.7 1.6 15.0 0.5 1.0 18.7 0.8 1.1 14.8 2.2 1.1 16.3 0.3 1.3 16.4 0.4 1.0 17.6 0.5 0.9 16.5 1.5 0.6 16.4 0.5 1.1 14.7 0.2 0.9 14.1 0.3 1.0 15.7 0.3 1.1 15.7 0.3 1.1 15.7 0.3 1.1 15.7 0.3 1.1 15.7 0.3 1.1 15.7 0.3 1.1 19.1 0.6 1.3 15.9 0.3 1.0 17.6 0.5 0.7 19.1 0.6 0.7 19.1 0.4 1.0	17.1	17.1 0.9 1.3 1.2 0.8 17.4 0.9 1.6 1.2 1.6 20.8 1.2 2.0 1.7 1.6 17.7 1.0 1.8 1.4 1.0 15.7 0.3 0.9 0.7 0.8 18.0 0.2 0.9 0.7 3.2 18.2 0.3 1.5 1.1 1.5 17.7 0.2 1.0 0.8 1.6 14.6 0.8 0.7 0.5 1.1 15.6 0.3 0.8 0.5 1.6 16.3 0.5 1.2 0.8 0.6 17.5 0.2 1.5 1.3 0.9 18.5 0.7 1.5 1.2 1.4 17.9 0.2 0.9 0.8 2.1 15.0 0.3 1.1 0.8 0.8 18.3 0.7 1.6 1.3 0.7 15.0 0	17·3 0.6 1·2 1·0 1·5 78 17.1 0.9 1.3 1.2 0.8 74 17.4 0.9 1.6 1.2 1.6 117 20.8 1.2 2.0 1.7 1.6 117 17.7 1.0 1.8 1.4 1.0 132 15.7 0.3 0.9 0.7 0.6 83 17.1 0.2 1.5 1.3 1.9 67 18.0 0.2 0.9 0.7 3.2 110 1.1 1.5 65 14.6 0.8 0.6 0.8 1.6 55 1.6 67 1.6 67 1.6 67 1.6 63 1.6 63 1.6 63 1.7 1.0 0.8 0.6 93 77 1.6 63 1.1 1.5 66 1.1 63 1.6 65 1.6 66 7.7 1.5 1.2 1.4	17.3	17.3	17.3

^{*} Typhoid fever, typhus, small-pox, measles, scarlet fever, who oping-cough, diphtheria, dysentery and diarrhoad diseases.

[†]The rates for Saorstát Éireann and the City of Dublin are calculated on the estimated population in the middle of 1933; those for the other areas on the population according to the Census of 1926.

[†] The rates for the administrative counties of Dublin, Cork, Limerick and Waterford are based on the births registered therein plus a proportion (derived from the record of transfers during 1930-1932) of the births registered in the respective county boroughs relating to other localities.

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		Epide	Scarlet Fever	29	15	14	12	r	¢1	
		Principal Epidemic Diseases	Measles	67	14	53	49		4	
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			Typhoid Fever	12	£	#	8	m		
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Bu	rths and Deaths in Urban District	s, etc. F	irst Quarter 195	ο, .
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*The rates for Saorstat Eireann, the City of Dublin and the Borough of Dun Laoghaire are calculated on the estimated populations in the middle of 1933. The population for Dublin City has been revised.

The information given for Beliast and Londonderry relates to the thirteen weeks ended 1st April, 1933. The birth and death rates are based on the Census population of 1926; the epidemic rate includes influenza.

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age age BLE in oth			Principal		Measles	101040		21 01	130000		40	4		1
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orta Deat figur				Ö.	25 and under	10 15 15 15	0100	15	35 21 22 24 35	.41.0.	242	39	401-00104	49
ne m the J h the		DEATH		93	15 and under 2	\$1.1.4		004	212	0.004	06	14	ന. ⊣വ _. വയ	14
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April, 1933, D CORK,* all of comparable utions situated		AGES	Table 1		2 and under 5	11 7 6			24 EL 8	44 .	87	=	01000010	14
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BLIN and i				-	TOTAL DEATHS	165 138 138	-	113 63	204 93 1252	The Deliver of Basic Laboratory (Alb).	01	236	200448000	100
ts) end OF DU eturns s well a		TAL	ALITY 000 prp.	ID BY	FROM PRIN- CIPAL EPI- DEMIC DIS- EASES	0.11		1.6	21-1- 4.6-1-		0.8	-	000000	0.7
13 weel Cities Veekly Ridaries, a		ANNUAL	OF MORTALITY PER 1,000	RESENTED BY DEATHS	FROM ALL CAUSES	81 21 22 4. 6. 6. 6. 6. 6. 6. 6. 6. 6. 6. 6. 6. 6.	12.6 10.7	21.7	251.9 251.9 221.9	2.45.25	21.2	in above	16.2 15.3 19.0 24.9 16.7	18.9
uarter (in the of the Very	-	-	E C	MATED POPU-	MIDDLE OF 1933*	35,900 43,700 27,000	1,900	20,800 12,300	37,200 14,600 46,100	600 6,100 35,200 17,200 1.900	41,700	admitte	12,837 11,208 10,971 8,642 5,613 12,005	78 400
TABLE V.—Showing for the Quarter (13 weeks) ended 1st April, 1933, the mortality from All Causes and Registrates' Districts in the Cittes of Dublin and Cork.* also the Deaths at certain age periods. Registrates' Districts in the Cittes of Dublin and is not comparable with the figures shown in Table 1V.—Corre Norg.; This Table is a summary of the Weekly Returns and is not comparable with the figures shown in Table 1V.—Corre in effections situated within their boundaries, as well as in institutions situated in adjacent rural areas and in other towns of	TATO TO THE TATO				REGISTRARS' DISTRICTS, &c.	North City No. 1 Bast No. 1 West	tleknock, , part of,	Coolock & Drumcondra, 1& 2 pt of Finglas and Glasnevin, Nos. 1 & 2,		1 and 2	III.	ersons in (not	Cork Urban No. 1	I. CITY OF CORE
TAI	-				RI	Z	BI	Co	SS	SSASS	122	1	0	ĺ.

CASES OF INFECTIOUS DISEASES.

Table VI.—Summary of Cases of Infectious Disease notified to the Department of Local Government and Public Health in respect of Saorstat Éireann for the Quarter ended 31st March, 1933

The letters in the last column denote the following diseases:—A. Acute anterior poliomyelitis. B. Cerebrospinal meningitis. C. Continued fever. D. Encephalitis lethargica. E. Erysipelas. F. Ill-defined fever. G. Membranous croup. H. Meningitis. J. Ophthalmia neonatorum. K. Pneumonia, influenzal. L. Pneumonia (other forms). M. Puerperal sepsis.

	500000g pane	County Boroughs	Ty- phus	Ty- phoid fever	Diph- theria	Scarlet fever	Other Diseases (See note at head of table).
Cork	***				19	14	1D, 4E, 2K, 1L, 2M.
Dublin		***		14	249	186	3B, 2D, 26E, 71K and L, 3M
Limerick	•••	•••		. 4	109	37	10K, 14L.
Waterford		•••			21	50	1K, 2M.
		TOTALS		18	398	287	3B, 3D, 30E, 99K and L, 7M.

URBAN DISTRICTS

Con	inty		Urban District	Ty- phus	Ty- phoid fever	Diph- theria	Scarlet Fever	Other Diseases (See note at head of table).
Carlow	•••	•••	Carlow			16	5	1E, 8K.
Cavan	•••	***	Belturbet Cavan Cootehill			1	2	2 K . 1 K . 12 K .
Cork	***		Fermoy Mallow Midleton Passage West Youghal		·.	2 1	18	2K. 1E, 1L.

Table VI. contd.—URBAN DISTRICTS—contd.

				TABLE VI. CO)nia		MIN D.	1511(1	CIS-conta.
	C	ounty		Urban District	Ty phus	Ty- phoid fever	Diph- theria	Scarlet	Other Diseases (See note at head of table).
Don	egal		•••	Buncrana Bundoran Letterkenny				1	3K. 1E.
Dub	lin '	***	• • •	Dun Laoghaire Howth			4	24	1E, 1L.
Galv	way	•••	•••	Ballinesloe Galway	-	1 2	5	1 6	2D, 1E.
Ker	тУ	•••	•••	Killarney Listowel Tralee		2	12		
Kile	dare	***	•••	Athy Naas		-	1 4	5	
Lon	ngford	•••	***	Longford			3	6*	1E. * One case of mixed infection, Scarlatina and Diphtheria.
Loı	ith	•••	•••	Dundalk		:	2	. 4	
Ma	y o .	*** :	***	Ballina		a		7	2E, 2L.
Me	ath	***	•••	An Uaimh				3	
Mo	naghan	***	•••	Carrickmacros Monaghan	38		1 1	2	1L, 1M. 2K.
Off	aly			Birr Tullamore			7		1M.
Sli	igo .	·		Sligo			5	3	
Ti	pperary	(N. R.		Nenagh ·				1	
Ti	ipperary	(S. R.))	Carrick-on- Suir Cashel Clonmel		: 2	2	1 5	
W	estmeat	h '		. Athlone				2 . 1	
W	/exford	***	••	. Wexford .				3	: 2K, 4L.
W	Vicklow	***	••					4 2	2
Barbaran Algebra	ſ	TOTALS	3			;	8 : 8	1 100	2D, 8E, 27K, 9L, 2M.

TABLE VI. contd.—RURAL DISTRICTS.

Co	ounty		Rural District	Ty- phus	Ty- phoid fever	Diph- theria	Scarlet	Other Diseases
Carlow	•••		Carlow Idrone			4	·	(See note at head of table). 1K.
Cavan			Bailieborough Bawnboy Castlerahan Cavan Mullaghoran		1 2	9	1 2 2	7K. 1M. 21K, 1L. 4K.
Clare	***		Ennis Limerick No. 2			1 6		
Cork		•••	Bandon Bantry Castletown Charleville Cork Dunmanway Fermoy Kanturk Kinsale Mallow Milleton Millstreet Mitchelstown No. 1 Skibbereen Skull Youghal No. 1.		1	2 1 9 2 1 3 5	9 6 5 5 6 4 16 11 1 7 2	1K, 1M. 1E, 1L. 14K. 8L. 2E, 2K, 1L, 1M. 2K, 1L. 1K.
Donegal	***	•••	Donegal Glenties Inishowen Letterkenny Stranorlar		1 2 4	1 3 2	3 3	1B, 1E, 1K, 8L. 1K. 1K, 1L.
Dublin			Balrothery Celbridge No. 2 Dublin North Dublin South Rathdown No. 1		2	7 1 4 5 18	6 2 2 6 14	2E, 4K, 3L. 1K. 1D, 8K, 1L. 2E, 2K. 1L.
Galway			Ballinasloe No. 1 Clifden Galway Glenamaddy Gort Loughrea Mountbellew Oughterard Portunna Tuam		1 2	1 3 1 1 7	2 1 6 1 4 2 7	1E. 1E, 1M. 1L. 1K. 1B, 1E. 1E.
Kerry			Caherciveen Dingle Kenmare Killarney Listowel Tralee		4	2 6	6 3 7 5	1L. Outbreak of measles. Outbreak of measles. 5K, 3L, 1M, 10K.
Kildare			Athy No. 1 Celbridge No. 1. Naas No. 1			1 8	20	1E, 9L. 1L.
Kilkenn	y		Callan Carrick-on- Suir No. 3 Ida Thomastown Waterford No. 2			1	7 4 4 1	1 A .
Laoighis			Abbeyleix Mountmellick			6	2	2K.

TABLE VI contd.—RURAL DISTRICTS—contd.

Cour	atv		TABLE VI cont	Ту-	Ty- phoid	Diph-	Scar- let	Other Diseases
			District	phus	fever	theria	fever	(See note at head of table)
Leitrim	***	4 = 5	Carrick-on- Shannon No. 1 Manorhamilton Mohill		2 3	1	1	2K.
Limerick			Croom Kilmallock Limerick No. 1 Mitchelstown No. 2		1	8 5 13	17 6 7	1K, 2L. +K, 1L. 1E, 5K, 1L, 1M.
			No. 2 Newcastle Rathkeale Tipperary No. 2		3	8 5	11 6 4	1K, 1L. 6K, 2L. 8K. 4K.
Longford	***	•••	Longford	·			9	
Louth		•••	Ardee No. 1 Dundalk		1	1 5	2 4	6K.
Mayo			Ballina Ballinrobe Belmullet Claremorris Swinford Westport		1 .1 .	2 1 7 7	20 1 1 1 2	1E. 1K. 1K. 1D, 5K. 2E, 3K, 3L.
Meath	***		An Uaimh Ardee No. 2 Dunshaughlin Meath Trim		1	2 4	1 6 2 1 5	
Monaghan	***		Carrickmacross Castleblayney Clones No. 1 Monaghan		3	1 1 2	1 1 1 2	1E, 2K, 1M. 1K 1E, 2L, 1M. 1E, 1K.
Offaly	•••	. ***	Birr No. 1 Edenderry No. 1 Tullamore			2 13 3		
Roscommon	***	***	Athlone No. 2 Boyle No. 1 Carriek-on- Shannon No. 2 Castlerea Roscommon		1.	9 2 18	3 8	1E, 8K. 1E, 1D, 6K, 1L, 3E, 1L, 1M.
Sligo	***	***	Boyle No. 2 Sligo		1	1		,
Tipperary (N.R.)	•••	Borrisokane Thurles			1	1 1	

^{*} Paratyphoid fever.

Table VI contd.—RURAL DISTRICTS—contd.

County	Rural District	Ty- phus	Ty- phoid fever	Diph- theria	Scar- let fever	Other Diseases (See note at head of table)
Tipperary S.R	Carrick-on-Suir No. 1. Cashel Clogheen Clonmel No. 1			3	. 1 4	2 K .
Waterford,	Carrick-on-Suir No. 2 Lismore Waterford No. 1	-			4 1 3	
Westmeath	Athlone No. 1 Coole Delvin Mullingar			7	1 1 7 2	2 K. 1 K. 1E, 1K. 1 K.
Wexford	Enniscorthy Gorey Wexford				. 5	1 K. 1 L. 2 E, 4 K, 3 L.
Wicklow	Baltinglass No. 1 Rathdrum			4	1	
TOTALS	- area sh		48	293	360	1 A, 2 B, 3 D, 28 E, 162 K, 61 L, 9 M.
	ty Boroughs Districts Districts		18 8 48	398 81 293	287 100 360	3 B, 3 D, 30 E, 99 K and L, 7 M. 2 D, 8 E, 27 K, 9 L, 2 M. 1A, 2B, 3D, 28E, 162K, 61L, 9M.
Total	for all Districts		74	772	747	1 A, 5B, 8D, 66E, 358 K and L, 18M.

TABLE VII.—Showing the Number of Cases of the undermentioned Diseases treated in Dublin Hospitals during the Quarter (13 weeks) ENDED SATURDAY, 1st April, 1933.

DISEASES		No. of Cases in Hospital at close of previous quarter	Admitted during quarter	Discharged	Died	No. under treatment on above date
Typhoid fever	•••	32	14	35	3	8
Typhus ;	•••	•	•			
Small-pox	•••	4	•			
Measles	•••	35	180	146	23	46
Scarlet fever	***	113	1 99	228	6	78*
Diphtheria	***	102	26 2	246	35	83
Pneumonia	***	26	94	73	20	27

^{*}Exclusive of 18 patients in "Beneavin," the Convalescent Home of Cork Street Fever Hospital.

Table VIII.—MARRIAGES, BIRTHS AND DEATHS Registered during the Quarter ended 31st March. 1933, in SAORSTAT EIREANN, shown by Provinces and Counties, with Deaths from some of the Principal Causes; Inguest Cares: Deaths in Public Institutions; Uncertained Deaths; and the number of VACGINATIONS; also similar particulars for the whole of Northern Ireland. Deaths in Institutions are assigned to the districts in which the deceased normally resided.— See Note on

-	-i-	ıd	luta sania	Uncertified Deaths No. of success many Vacc	2,688 4,955	28 74	4 160	27 637	17 73	74 87	39 110	88 46	23 160	27 184	51 40	29 46	6 62	20 34	536 1,660	142 415 217 561
				Deaths in Pul moitutitani	3,530	37	155	986	73	75	45	1 34	4 65	4 78	1 43	2 48	2 62	4 45	92 1,746	5 105 24 331
ı			9	Inquest Cases	289	-	17	38		~	-				C)	10	62	44		4 62
ı				Violence (a)	249	63	10	41	L-	4				~			60		0 91	38
ı	include			Сапсег	664	6.	30	119	14	21	15	17	21	3 23	2 16	5 18	23	2 14	340	60 TO
_	- 1		reu-	Other	189	-	6	35	10	63	23	2/1	9				10		85	-
ı	Quarter		Tuberculosis	Pulmonary	731	10	60	175	21	13	17	-	18	13		1-	19	19	357	118
۱	the G			Luftuenza	1107	-1	41	166	15	11	25	32	24	25	15	23	15	113	412	50
	during	Deaths from		Diarrhoea and Enteritis (Children under 2 years).	105	1	9	222	හ	63			61	-		•	10	-	44	
١	tered	eaths	ases	Dysentery			٠	•	•	٠	٠	•	•	•	•	•	•	•		
	Registered	D	Diseases	Diphtheria	125	Ü	00	30	10	1	CN	C.1	·		4	67			61	3 10
	Deaths		emic	Whooping-	08		p-ul	prod prod	ಣ	•		•		¢.1	4	C1	4		30	H 4
			Epidemic	Scarlet	29	63	63	1-	က	21	•	•	-		•	•		•	17	
١	The		1	Measles	67		10	48	11	٠	٠	•	•	•	63		හ	•	59	• 61
			Principal	xoq-llam2						•	•	•	٠	•	٠		•	•		
ı				Typhus	•	•		٠		•			٠	•		•	•	•		
ı				Typhoid	12			60		٠				•	•	•	٠	•	ಣ	01
		sof	SIE	Persons 65 yes	6,186	-12	178	712	112	142	80	93	150	133	96	119	174	101	2,179	253
		Deaths		Infants under 1 year	1,067	12	51	266	30	25	13	17	10	13	14	17	36	18	531	20 20
	stered			Deaths.	12,922	147	437	2,179	257	278	220	179	286	278	193	222	390	252	5,318	426
	Numbers Registered			Births.	13,739	162	309	2,926	227	301	193	154	294	238	222	253	388	233	5,901	353
	Numl			Marri- ages	3,611	36	120	629	55	78	38	43	52	56	59	50	127	43	1,416	111
				Popula- tion Census 1926.	2,971,992	34,476			58,028	70,990	51,540	39,847	62,739		52,592	56,818		57,591	4,851,136 1,149,092	95,064
?	-			Area in Statute Acres	17,024,481	221,485	208,920	18,781	418,644	509,470	424,892	257,935	202,814	577,816	493,637	435,604	580,894	500,244	4,851,136	787,768
second page.)				PROVINCES AND COUNTIES.	Saorstat Eireann(b) 17,024,481 2,971,992	Carlow		f Dubli	Kildare	Ŋ.	Laoighis	Longford		Meath		neath			LEINSTER	Clare

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169	96	98	101	80	72	35	46	1,135		137	49	100	61	69	416	02	94	69	626	1,484	istrict i
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360	483	471	245	243	333	. 228	110	3,975		622	292	010	328	341	2,193	363	733	340	1,436	6,206	(b) Th
275	559	484	265	310	335	546	208	4,317		852	197	715	306	247	2,317	297	648	259	1,204	6,137	suicides. R.D., Lag
161	183	166	71	68	78	20	80	1,283		204	78	167	84	20	603	200	167	64	309	1,753	des, and elagh S.
78,490	149,171	100,895	39,448	59,645	81,370	51,915	26,647	969,902		169,366	55,907	172,690	83,556	71,388	552,907	82,452	152,508	65,131	300,091		ths, homici et in Shill
2,685	1,161,708	661,573	2,386	493,255	558,034	453,051	1,438	5,962,803	The state of the s	1,467,639	376,774	1,333,941	608,540	443,928	4,230,822	467,162	1,193,573	318,985	1,979,720	3,351,444 1,256,561	idental dea hely Distri
Cork Co. Borough	Kerry	Limerick	Limerick Co. Boro'	Tipperary N.R.	Tipperary S.R.	Waterford	WaterfordCo.Boro'	MUNSTER		Galway	Leitrim	Mayo	Roscommon	Sligo	CONNAUGHT	Cavan	Donegal	Monaghan	-	NORTHERN IRELAND(e)	(a) Including accidental deaths, homfeldes, and suicides. (b) The returns for Balbriggan District in Balbruthery Superintendent Registrar's District, Rathdrum District in Radmirns S.R.D., Tinahely District in Millebagh S.R.D., 18ghy District in Donegal S.R.D. and Raferagh District in Carrickmacross S.R.D., not having been received in time for Press

the number of Births and Deaths registered in the corresponding quarter of 1932 have been adopted. (c) For Northern Ireland, the Marriages relate to the quarter ended 31st December, 1932.

fi tr))[19	1.1.1	Vaccinations	74	16 93 51	637	117	20 19 19 41	50	4728	36 103 21	12 24 69
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stered	-		Deaths.*	147	75 134 228	2,179	80 33 144	29 103 106 11	106	861.8	46 114 126	89 89 89 89
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		Popula.	tion Census 1926.	34,476	19,336 30,884 50,134	405,300	16,690 8,116 33,222	7,370 8,745 23,569 27,909 3,397	22,199 29,341	7,796 13,335 18,716	11,030 18,278 33,431	7,776 13,108 22,708. 4,876
			Area in Statute Acres.	221,485	84,405 97,566 26,949	18,781	130,460 53,703 234,481	62,169 - 57,867 133,462 225,444 30,528	200,641 224,251	69,834 84,678 103,423	67,239 41,979 93,596	106,757 103,420 182,153 44,099
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On 1st January, 1933, the Registrar's District of Finglas and Glasnevin (Dublin, S.R.D.) was abolished, and the area divided into two Registrar's Districts, to be henceforth known as Finglas and Glasnevin No. 1, and Finglas and Glasnevin No. 2, respectively. ALTERATION OF DISTRICTS.

OFFIG AN ARD-CHIÁRLADUM, TIGH AN CHLATH, 8adh lá de mhi na Meitheamh, 1933. BAILE ÁTHA CLIATH, 8adh lá de mhi na Meitheamh, 1933.

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The Royal Sanıtary Institute Library.

QUARTERLY RETURN

OF THE

MARRIAGES, BIRTHS AND DEATHS

REGISTERED IN

SAORSTÁT ÉIREANN

DURING THE QUARTER ENDED 30TH JUNE, 1933.

BY PROVINCES, COUNTIES, AND SUPERINTENDENT REGISTRARS' DISTRICTS,

WITH

Certain Detailed information relative to the Deaths in Superintendent Registrars' Districts and in Urban Districts; Notifications of certain Infectious Diseases in Urban and Rural areas,

Persons Vaccinated, &c., &c., &c.

By Authority of the Registrar-General.

To be purchased directly from the COVERNMENT PUBLICATIONS SALE OFFICE, 5 NASSAU STREET, DUBLIN, C.2. or through any Bookseller.

Price Sixpence Net.

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NOTE .- The figures given in this Report, being based on unrevised Registrars' Returns and compiled as soon as possible after the close of the Quarter, must be regarded as provisional. Revised figures appear in the Detailed Annual Report.

The Deaths registered in any part of the country are referred to the normal area of residence of deceased. Deaths of residents of other countries, if any, are allowed to remain in the Districts in which they occur.

The Births registered in each urban area, according to numerical returns furnished by the Registrars, have been partially corrected by the exclusion of those occurring in institutions of infants whose mothers were admitted from other localities. No correction is made in these reports for births in individual rural areas. In Table IV, as a consequence, there is liability to slight understatement in the births for individual urban districts, and a corresponding overstatement in those given for the aggregate of rural districts.

GENERAL SUMMARY.

The Marriage-rate for the second quarter of 1933 was $4\cdot 6$ per 1,000 of the estimated popula-This rate is 0.1 above the average for the corresponding quarter of the ten years, 1923-32. The marriage rate among Catholics was $4\cdot 6$, and among all other denominations, $4\cdot 2$.

In Northern Ireland the marriage rate for the first quarter of 1933 was 4.5 per 1,000; in England and Wales 4.5, and in Scotland 5.8, as compared with 4.8 for Saorstat Eireann.

The Birth-rate was 20.0 per 1,000, representing 14,994 births registered. This rate is 1.2 below the average (21.2) for the second quarters of the ten years, 1923-32. For Dublin City the birth rate was 26.7; for Dun Laoghaire, 17.7; for Cork, 23.5; for Limerick, 24.0; and for Waterford, 23.7.

The corresponding birth-rate for Northern Ireland during this quarter was 20.8; for England and Wales, $15\cdot4$; and for Scotland, $18\cdot9$. The birth-rate for Belfast was $22\cdot9$; for Londonderry, $24\cdot5$; for London, $13\cdot8$; for Glasgow, $20\cdot7$; and for Edinburgh, $16\cdot1$.

The rate in respect of Deaths registered (numbering 9,731) was 13.0, being 2.2 below the average (15.2) for the second quarters of the preceding ten years.

For Dublin City the death-rate was 13.3; for Dun Laoghaire, 13.0; for Cork, 13.6; for

Limerick, 17.7; and for Waterford, 14.7.

In Northern Ireland the death-rate for the quarter under review was $13\cdot0$ per 1,000; in England and Wales, $10\cdot8$; and in Scotland, $12\cdot3$. In Belfast the rate was $13\cdot0$; in Londonderry, $12\cdot0$; in London, $10\cdot2$; in Glasgow, $12\cdot4$; and in Edinburgh, $11\cdot8$.

Deaths from the Principal Epidemic Diseases (comprising typhoid fever, typhus, small-pox, measles, scarlet fever, whooping-cough, diphtheria, dysentery and diarrheal diseases) afforded an annual rate of 0.4 per 1,000, which is 0.1 below the average for the second quarters of the five years, 1928-32.

The mortality from Influenza was equivalent to a rate of 0.5 per 1,000; the average for the corresponding quarters of the preceding five years was also 0.5.

The rate for deaths from all forms of Tuberculous Disease was 1.3 per 1,000, which is 0.2 below the average rate for the second quarters of the five years preceding.

Deaths from Puerperal Conditions are represented by a rate of 3.7 per 1,000 births registered, comprising 0.9 for puerperal sepsis and 2.8 for other puerperal conditions, as compared with 1.5 and 2.8 for the second quarter of 1932.

The Infant Mortality rate (deaths of infants under one year of age per 1,000 births registered) was 59, in comparison with an average of 67 for the second quarters of the ten years, 1923-32.

The Population in the middle of 1933 is estimated as 2,992,000 persons (comprising 1,524,000 males and 1,468,000 females) showing an increase of 18,000 on the estimate for the middle of 1932. This increase is derived from the natural increase (excess of births over deaths), and the excess of immigration over emigration.

The Natural Increase during the second quarter of 1933 was 5,263, as compared with an average of 4,472 for the second quarters of the ten years, 1923-32.

During the second quarter of 1933, the number of Emigrants to places out of Europe and not within the Mediterranean Sea was 157, and the number of Immigrants from these places 1,070.

MARRIAGES.

The marriages registered during the quarter ended 30th June, 1933, numbered 3,449, equivalent to an annual rate of $4\cdot6$ per 1,000 of the estimated population, this rate being 0.3 above that for the corresponding quarter of 1932, and 0.1 above the average for the second quarter of the ten years, 1923-32 (See Table I). Of the total Marriages 3,219 (or 4.6 per 1,000 of the estimated number of Catholics in the population) were those of Catholics, and 230 related to all other denominations, equivalent to 4 2 per 1,000 of the population other than Catholic. The marriage-rate among Catholics is 0 1 above, and that among other denominations 0.3 below, the respective averages for the second quarters of the preceding ten years.

BIRTHS.

Births registered in the 642 Registrars' Districts into which Saorstat Eireann is divided for registration purposes, amounted to 14,994, of which 7,644 were those of males and 7,350 of females, or 1,040 of the former to 1,000 of the latter.

The birth-rate was $20 \cdot 0$ per 1,000 of the estimated population, being $1 \cdot 2$ below the average

(21.2) for the second quarters of the ten years, 1923-32 (See Table I).

The birth-rate for Urban Districts (including the cities or boroughs) was 24·3, and for Rural **Districts,** $18 \cdot 2$, as compared with $24 \cdot 2$ and $18 \cdot 0$, respectively, in the second quarter of 1932(See Table IV).

For the Twelve Principal Towns, the birth-rate was 25·3, as against 25·5 in the corresponding

quarter of last year.

Amongst these towns, the rates varied from $37 \cdot 4$ for Kilkenny, $27 \cdot 7$ for Drogheda, and $26 \cdot 7$ for Dublin to $17 \cdot 7$ for Dun Laoghaire and Dundalk, and $19 \cdot 4$ for Tralee.

DEATHS.

The number of deaths registered during the quarter was 9,731, and of these 4,966 were deaths of males and 4,765 of females. For all persons the equivalent annual rate was $13 \cdot 0$ per 1,000 of the estimated population, being $2 \cdot 2$ below the average for the second quarters of the preceding decennium, and $2\cdot 1$ below the rate for the second quarter of the year 1932 (See Table I).

For the Urban Districts in the aggregate, the death-rate was 13.7, as compared with 15.3 in the second quarter of 1932, and for Rural Districts, 12.7, in comparison with 15.1 for the

corresponding period of the preceding year.

The annual rate represented by deaths from all causes for the Twelve Principal Towns was 13.6, as compared with 15.4 in the second quarter of 1932.

In the quarter under review, the rates for these towns are hereunder given, ranging in order from the district with the lowest rate to that with the highest :- Dundalk, 11.4; Tralee, $12\cdot 2$; Wexford, $12\cdot 5$; Drogheda, $12\cdot 9$; Sligo, $12\cdot 9$; Dun Laoghaire, $13\cdot 0$; Dublin, $13\cdot 3$; Cork, $13\cdot 6$; Waterford, $14\cdot 7$; Galway, $15\cdot 2$; Kilkenny, $15\cdot 9$ and Limerick, $17\cdot 7$.

Causes of Death.

In Table II, the mortality from some of the principal causes is given for the second quarter of 1933 and for each quarter of the preceding five years, as well as the averages for each quarter of these years.

Principal Epidemic Diseases.—From this Table it will be seen that the number of deaths (287) from this group of causes is 111 below that for the second quarter of 1932, and 84 below the average for the second quarters of the five years, 1928-32. Decreases are shown for all the diseases in the group in comparison with the average for the previous five years. The decrease in scarlet fever amounted to 68 per cent., and in measles to 49 per cent. when compared with the average.

Deaths from diarrhea and enteritis of children under 2 years, numbered 83; of these 50 (or 9.2 per 1,000 births) were recorded for urban areas, as against 33 (or 3.5 per 1,000 births) for rural areas. For urban areas of 10,000 population and upwards ("Twelve Principal Towns"), the mortality was 8.8 per 1,000 births, as compared with 11.0 per 1,000 for urban

districts with less than 10,000 inhabitants.

Table III. shows that the mortality from the principal epidemic diseases in the Counties and Cities varied from 0.0 per 1,000 of the population for the counties of Longford and Clare,

to 2.6 for Limerick County Borough.

The death-rate from these diseases in relation to the twelve principal towns in the aggregate, was 0.7, and the rates fluctuated between 0.0 for Wexford, Tralee, and Kilkenny and 2.6for Limerick; the 175 deaths from all causes for the latter city included 2 from typhoid fever, 6 from whooping cough, 13 from diphtheria, and 5 from diarrhosa and enteritis of children under 2 years (Table IV).

Influenza.—Deaths from influenza amounted to 383, affording an annual rate of 0.5 per 1,000. The average number for the preceding five years was 399, with a rate of 0.5. Of the deaths in the quarter under review, 58 appertained to urban areas, representing 0.3 per 1,000 of the population, and 325 to rural districts, affording a rate of 0.6; the corresponding rates for the second quarter of 1932 were 0.3 and 0.8.

Tuberculosis.—The number of deaths from all forms of this disease during the quarter was 940, equivalent to an annual rate of 1·3 per 1,000 of the population, as compared with an average of 1,091, and a rate of 1·5 for the second quarters of the five years, 1928-32. As may be seen from Table III, the rates varied from 2·3 for Waterford county borough, 2·0 for Carlow and the city of Dublin, 1·9 for Limerick county borough and 1·7 for Cork county borough to 0·5 for Roscommon and Cavan, and 0·9 for Meath, Tipperary S.R. and Monaghan. The rate for the aggregate city or borough areas and urban districts was 1·8 per 1,000 of the population of these areas, as compared with 1·0 for rural areas. For the twelve principal town areas the rate was 1·8, and for urban districts under 10,000 population it was 1·6.

Puerperal Conditions.—The number of deaths ascribed to accidents and diseases of pregnancy and childbirth, was 56, being equal to 3.7 per 1,000 births registered. Of the 56 deaths, 14 were due to puerperal sepsis, or 0.9 per 1,000 births, and 42, or 2.8 per 1,000 births, to other puerperal conditions. The corresponding rates for the second quarter of 1932 were 1.5 and 2.8 respectively.

Ages at Death.

Of the total deaths at all ages registered during the quarter, 892 or 9·2 per cent. were those of infants under one year of age, and 4,245, or 43·6 per cent., were those of persons 65 years and upwards.

Infant Mortality.—The infant mortality was 59 per 1,000 births registered, as compared with 61, 73 and 78 respectively, for the three preceding quarters, and an average of 67 for the second quarters of the ten years preceding (Table I).

For county boroughs and urban districts in the aggregate, the rate was 76, and for all rural districts 50, per 1,000 births (Table III).

Deaths in Public Institutions.

Deaths in Institutions numbered 2,785, or 28.6 per cent. of all deaths registered.

Inquests.

There were, 308 inquests or deaths registered on Coroners' Certificates during the quarter, this number being 3·2 per cent. of the total deaths registered.

Uncertified Deaths.

The number of deaths in cases where there was no medical attendant during the last illness (not including deaths registered on Coroners' Certificates) was 1,902, or 19.5 per cent. of the total deaths.

Cases of Infectious Diseases Notified.

Table VI gives the number of such cases notified during the quarter in urban and rural districts. The total number amounted to 1,782.

Vaccination.

As returned by the Registrars, the number of successful primary vaccinations during the quarter ended 30th June last was 12,302, or 82.0 to every 100 births registered during the quarter, the corresponding ratio for the second quarters of the five years 1928-32 being 116.0.

CITY OF DUBLIN.

BIRTHS.

Exclusive of 365 births in institutions relating to residents of other localities, the number of births recorded for the city of Dublin during the quarter under review was 2,801. The annual rate represented thereby was 26·7 per 1,000 of the estimated population, as compared with a rate of 26·4 for the corresponding quarter of 1932. The total births registered (3,166) comprise 1,594 boys and 1,572 girls.

DEATHS.

Omitting 236 deaths registered in the city relating to other localities, but including those of city residents registered elsewhere in Saorstat Eireann, the deaths ascribed to the city of Dublin for the quarter numbered 1,395, equivalent to an annual rate of 13·3 per 1,000 of the population, as compared with 15·0 for the second quarter of 1932. The total number of deaths registered in the city was 1,584—802 males and 782 females.

For the portion of the city north of the Liffey, the death-rate from all causes was 13·4, as compared with 12·5 for the south side. In the second quarter of 1932 the rate on the north side was 14·9, and on the south, 14·5. The mortality for these portions of the city is derived from figures partially corrected for deaths in institutions, as given in Table V., which shows the mortality for each Registrar's District, by ages and by some of the principal causes, for the quarter (thirteen weeks) ended 1st July, 1933.

Causes of Death.

The following statement shows the number of deaths from some of the principal causes for the second quarter of 1933, as compared with 1932:—

CIT	Y O	F DUBLIN	
CAUSE OF DEATH		Second Quarter, 1933	Second Quarter, 1932
O Typhoid fever		1	1
Typhus ,,			•
Typhus ,, Small-pox Measles Scarlet fever		19	5
Scarlet fever			5
Whooping-cough Diphtheria	***	17	58 21
BA Dysentery	• • • •	. 11	41
Measles Scarlet fever Scarlet fever Whooping-cough Diphtheria Dysentery Diarrhoea and ent (children under years)		3 16	26
vears)	- 4	ا	
Influenza		16	9
Pulmonary tuberculosis Other forms		162 44	136 57

Increases have occurred in deaths from measles, influenza and pulmonary tuberculosis, and decreases in deaths from the other diseases shown, as compared with the same quarter of last year.

Principal Epidemic Diseases.—The deaths from this group of causes numbered 70, affording an annual rate of 0.7, as compared with 1.1 for the second quarter of the preceding year. Influenza.—The deaths attributed to influenza (16) afford a rate of 0.15, as against 0.09

in the second quarter of 1932.

Tuberculosis.—The deaths from all forms of tuberculous disease recorded for the city numbered 206, representing an annual rate of 1.96, as compared with 1.86 for the second quarter of the preceding year.

The mortality from tuberculosis in the north side of the city was 1.88, and in the south,

1.89, the respective rates for the second quarter of 1932 being 1.68 and 1.84.

Of the 206 deaths, 162 were ascribed to pulmonary and 44 to other forms of the disease, the former representing a rate of 1.54 per 1,000, and the latter 0.42 per 1,000.

Ages at Death.

Of the 1,395 deaths relating to the city of Dublin, as registered during the quarter, 300 (or 21.5 per cent.) were those of children under five years of age, and 354 (or 25.4 per cent.) were of persons 65 years of age or upwards, the corresponding percentages in respect of the second quarter of 1932 being 22.8 and 28.5.

The Infant Mortality, based on 192 deaths of infants under one year of age, was 69 per 1,000 births. In the second quarter of 1932 the rate was 85.

Deaths in Public Institutions.

The deaths of Dublin residents occurring in public institutions, as registered during the quarter, numbered 714, or 51·2 per cent. of total deaths.

Cases of Infectious Disease.

The number of cases of infectious disease notified during the quarter, as shown in Table VI, was 512. Table VII gives the number of cases under treatment in Dublin hospitals during the quarter.

METEOROLOGY.

The mean temperature for the thirteen weeks ended 24th June, 1933, deduced from the mean weekly temperature as returned from the Ordnance Survey Office, Phœnix Park, Dublin, was 52.5°, and at Cork (Roche's Point) it was 52.6°; for the thirteen weeks ended 1st July it was 53.4° at Peamount Sanatorium; 56.3° at Greenwich; 53.6° at Glasgow; and 52.4° at Edinburgh.

The mean daily number of hours of bright sunshine recorded at Dublin was 4.8; at Peamount Sanatorium, 5.0; at Cork (Ballinacurra), 4.8; at Greenwich, 5.6; at Glasgow, 4.1; and at Edinburgh, 4.6.

The rainfall during the same periods measured at Dublin 4.53 inches; at Peamount Sanatorium, 5.43 inches; at Cork (Roche's Point), 7.87 inches; at Greenwich, 4.11 inches; at Glasgow, 6.45 inches; and at Edinburgh, 5.31 inches.

The following information has been kindly furnished by the Director of the Meteorological Office, London:

The weather of April was dry, warm and dull. Mean temperature for the month was generally between $1^{\circ}F$. and $3^{\circ}F$. above the normal, the largest excess being $4\cdot 0^{\circ}F$. at Phoenix Park, Dublin, and the least 0·2°F. at Ballinacurra. The only really cold spell occurred with north-easterly winds from about the 18th to the 21st or 22nd. The warmest days were usually around the 7th, 11th and 16th; temperature rose to 60°F. or above at many places on these days, and touched 67°F. at Rathfarnham on the 7th. . During the cold spell maximum temperatures below 50°F. were recorded (45°F. at Phoenix Park on the 19th).

The period up to the 21st was mainly anticyclonic and very dry, though rain fell locally

on the 8th and 11th. From the 22nd onward, unsettled conditions prevailed, with occasional rain but some bright periods. Heavy rain fell in the south-west on the 22nd, 35 mm. being registered at Dunmanway, 33 mm. at Cork and 28 mm. at Ballinacurra. Sunshine aggregates were below the normal, but some good daily records were obtained; for example, 12·1 hours at Cork on the 16th and at Birr Castle on the 19th.

May.

The weather of May was warm, dull and mainly wet. Mean temperature for the month was everywhere above the normal, the excess ranging from $1\cdot 3^{\circ}F$. at Malin Head and Foynes to $3\cdot 0^{\circ}F$. at Phoenix Park, Dublin. A particular feature was the mildness of the nights. Rainfall was, on the whole, well above the average in the south and southwest, and more variable elsewhere, some places in the north-western and inland counties recording a deficiency, while at University College, Cork, the total was slightly more than twice the average. Among the heavier falls in 24 hours were 49 mm. at Limerick on the 6th, 30 mm. at Newcastle, Co. Wicklow, 26 mm. at Rathfarnham and 27 mm. at Seskin, Carrick-on-Suir, on the 2nd.

Sunshine aggregates were everywhere below the normal, the deficiency amounting in some cases to more than 2 hrs. a day. Among the sunniest days were the 14th, 22nd, 23rd, 28th and 29th, and the best daily record was 14.7 hrs. registered at Malin Head on the 14th and

at Valentia on the 22nd.

June.

For the third month in succession weather was mainly warm and dull. Rainfall was generally below the average in the south-west and in County Dublin, and, on the whole, a

little above the average in the north-west and inland counties.

Mean temperature for the month was equal to the normal at Cahirciveen and above the normal elsewhere, the excess ranging from 0.2°F. at Blacksod Point to 2.6°F. at Phænix Park, Dublin. In most parts the warmest spell occurred from the 4th to 7th; temperature reached or exceeded 75°F, at many places, and 78°F, was touched at Malin Head on the 4th and at Hazelhatch on the 4th and 7th. A few places on the south-west and west coasts did not register these high temperatures; for example, the highest maximum recorded during this period at Blacksod point was 63°F, on the 6th, and at Roche's Point 65°F, on the 5th and 7th.

The heaviest rain occurred as a rule either on the 1st or on one of the days between the 15th and 24th, some of the largest daily falls being, 28 mm. at Mallaranny on the 21st, and 19 mm. at Markree Castle and 18 mm. at Seskin, Carrick-on-Suir, on the 23rd. Thunder was reported on the 7th, 20th, 23rd and 24th and local gales from the 16th to 18th.

Except at Markree Castle, sunshine aggregates were below the normal, the deficiency

amounting to more than 11 hours a day at Cahirciveen and Phœnix Park, Dublin.

or w	WIND	Mean Force (Beaufort Scale 0—12)		1.8	2.6	2.5	2.3	2.57	¢1 ∞	2.4	2.1	2.5	2.1	2.3	9.8	61 70	61	
0 7 9111		Number of Days	CHRISTOLL	¢1	0		က	9	9	က	က	4	4	67	70	9	45	1
OT T AN	RAINFALL	. IsmroV morf noitsivəU	mm.	-12	-10	6	80	ï	+15	ī	8	4-	+1	6-	+4	∞ +	-38	
CIT ATRETES	R	tanomA latoT	mm.	H	0	-	¢3	13	53	10	က	4	13	\$1	13	24	115*	l
Trees as	A	Percentage of Possible	%	46	25	6.1 C.1	G-1 +1	20 70	9	531	127	44	56	51	82	51 H	568	l
1	BRIGHT	IsmroN mort nottsived	hrs.	+1.0	-2.0	+0.5	9.0+	0.0	7.0-	-1.3	2.5	+0.4	4.5	+1.8	-1.8	6 8-	1.2	
	80	JanomA Ylla G asəN	hrs	8.50	60.00	8.3	5.0	5.1	1.0	8.4	4.4	-1	4.3	& 13	4.8	0.3	∞.4	
e, 1933.	TER	Mean Humidity	%	0100	78	1-	73	980	00 10 10	5.0	80	1700	08		92	S. 13	000	
24th June,	HYGROMETER	Mean of Wet Bulb	Ĥ.	45.4	46.2	45.5	40.8	47-4	47.0	48.1	51.6	51.7	52.9	56.1	53.5	5.7	48.9	
ended 24	ЛН	Mean of Dry Bulb	H.	44.7	49.2	48.7	44.1	50.5	49.0	51.1	54.5	53.4	56.1	61.1	57.1	54.9	51.9	ACCOUNTMENDED A
eeks en		Гоwest	°F.	30	e3 ₩	್ಷ	60	99	100	42	330	970	41	45	44	47	30	-
he Thirteen Weeks	ফৌ	Highest	· E	. 64	99	65	63	62	20	62	65	20	67	22	69	68	2.2	
	TEMPERATURE	lamioM mort nottsived	°II.	+2.4	+6.1	+6.3	8.0-	+5.3	+1.4	+3.2	+5.1	+2.8	+3.0	9.9+	+0.4	+0.6	+3.3	ŀ
n, for the	TEMPE	Mean of A. & B.	. F	45.5	50.3	.2009	45.0	52.0	48.8	52.1	55.3	54.2	56.0	61.1	55.4	56.5	52.5	The second second
Dublin,		Minimum B.	Į.	34.9	41.3	40.0	38.0	45.1	44.3	44.4	48.0	44.3	6.74	51.3	47.7	49.6	44.4	
an man a		.A mumixsM	Ĥ.	56.0	₹-60	61.4	52.0	58.9	53.3	59.7	9.79	64.1	64.1	0.17	63.1	63.3	2.09	
Carron .	R	lamioM mort noitaived	mb.	+7.9	+10.6	1.6+	+8.4	8.2	8.8	-3.7	+2.3	+4.1	9.1-	+1.9	-2.5	-15.1	+0.4	
A Service of a service	AIR PRESSURE	Value reduced to Man Sea	qm	1020.8	1023.7	1022.3	1022-2	1006.2	10001	1011.8	1017.8	1019-6	1014.0	1017.5	1013.1	1000.2	1015.1	
anna Rom			Datas	*	:	*	ī	:	;	*	i	:	*	:	:	*	***************************************	l
		Week Ended		April 1st, 1933	8th	15th	22nd	29th .	6th	13th	20th	27th	3rd	10th	17th	24th	MEANS	
and the same of				April	33	\$	33	33	May	33	8	93	June	66	93	*	M	

WIND	Mean Force (Beanfort Scale 012)		3.0	2.2	0.8	60 60	. co	00 es	00	3.1	9°50		3.4	3.1	co	63
7	Zumber of Days		4	6.1	ទា	64	1-	9	7	4	c ₁	10	¢1	ಡ	4	62
RAINFALE	IsmroM mori noitsivad	mm	-15	13.	13	6	0	+47	+1	+10	-10	+21	-111	ī	9—	+
H.	'JanomA latoT	mm	4	C1	-	10	19	64	14	23	ေ	36	60	11	15	\$00G
**	Percentage of Possible	%	80 00	22	39	3.6	37	10	34	25	48	30	48	25	26	90
BRIGHT SUNSHINE*	JamroM mori noltsived	hrs.	₹.0-	-2.7	0.0	6:0	6.0	-5.3	ï	-3.0	8.0+	-1.9	+1.1	-2.5	-1.6	-
28	Mean Daily Amount	hrs.	4.8	5.0	5.5	5.1	5.4	1.5	#(5)	4.0	9.2	4.8	8.4	4.1	4.4	0
ER	Mean Humidity	%	83	87	- 08	65	87	91	. 81	89	22	98	81.	82	85	GG Of
HYGROMETER	Mean of Wet Bulb	H.	4.04	47.7	9.24	43.4	49.6	49.1	51.0	53.5	52.4	54.4	56.6	2.99	53.8	0.07
HYG	Mean of Dry Bulb	I.	47.7	49.5	50.4	6.97	51.4	20.4	53.9	58.1	56.4	56.6	8.69	59.5	56.3	69.4
	Lowest	F	37	33	37	200	43	41	46	46	45	48	20	52	20	9
	†e9dgiH	Fi	56	55	56	57	55	55	62	09	65	99	69	72	63	G
TEMPERATURE	Ism10N mort nottstv9U	F	+1.3	+2.4	+2.5	-2.1	+1.1	- · 0 +	+5.4	+1.9	+1:9	+1.4	+2.6	2.5+	-1.6	6
EMPER	Mean of A. & B.	H.	46.7	49.0	49.3	46.0	9.09	50.3	53.4	54.1	55.5	56.1	28.2	59.0	55.7	6.67
7	.'A muminiN		41.4	45.1	44.6	40.7	46.6	47.3	47.4	50.3	48.3	52.0	52.4	53.6	51.1	I
	A mumixeM	H.	52.1	52.1	53.9	51.3	54.6	53.3	59.4	6.29	62.1	60.1	0.99	64.4	60.3	l i
URE	Ismion mon notistived	mb.	1	1	1	-	1	1	1	1	ı	1		1	1	
AIR	selved to Mean Servel		1021.7	1024.4	1022.8	1020.2	1006.4	1003.2	1013.3	1017.6	1019.8	1012.6	1020.5	1014.4	1002.0	1
			:	- Alberta Company					:	-		:	:	:	:	
	Werk Ended			8th	-	22nd	., 29th	ь		20th	,, 27th	June 3rd	10th		" 24th	

Table I.—Marriages Births and Deaths registered in Saorstat Éireann, in the years 1923 to 1933, by quarters.

		NUM	IBERS		RATES					
YEAR	AND QUAI	RTER	Marriages	Births	DE.	ATHS	Per mat	Deaths under		
					All ages	Under one year	Marriages	Births	Deaths	one year per 1,000 Births
	Average	1923-27	14,252	61,678	43,293	4,332	4.8	20 · 7	14.5	70
Year		1928 1929 1930 1931 1932	13,716 13,593 13,631 13,133 13,085	59,176 58,280 58,353 57,086 56,167	41,792 42,991 41,702 42,947 42,957	4,016 4,102 3,965 3,935 4,010	4·7 4·6 4·6 4·4 4 4	20·1 19·8 19·8 19·3 18·9	$ \begin{array}{r} 14 \cdot 2 \\ 14 \cdot 6 \\ 14 \cdot 2 \\ 14 \cdot 5 \\ 14 \cdot 4 \end{array} $	68 70 68 69 71
	Average	1923-32	13,842	59,745	42,885	4,169	4.7	20 · 1	14.4	70
	Average	1923-27	4,050	15,230	12,866	1,249	5.4	20 · 4	17.2	82
First Quarter		1928 1929 1930 1931 1932	3,748 5,342 3,964 3,518 3,181	14,593 14,151 14,481 14,304 13,596	12,578 13,960 12,666 13,686 13,189	1,213 1,266 1,165 1,288 1,078	5·1 4·5 5·4 4·8 4·3	19·8 19·2 19·7 19·3 18·3	17·1 19·0 17·2 18·5 17·7	83 89 80 90 79
	Average	1923-32	3,800	14,727	13,041	1,225	5 · 1	19.8	17 - 6	83
	Average	1923-27	3,450	16,264	11,550	1,073	4.6	21 · 8	15 · 5	66
Second - Quarter		1928 1929 1930 1931 1932	3,251 3,383 3,077 3,128 3,181	15,840 15,345 15,305 15,142 14,758	11,062 10,895 10,751 11,293 11,242	985 1,014 1,038 1,045 1,070	4·4 4·6 4·2 4·2 4·3	21·5 20·8 20·8 20·5 19·8	15·0 14·8 14·6 15·3 15·1	62 66 68 69 73
	Average	1923-32	3,327	15,771	11,299	1,052	4-5	21 · 2	15 · 2	67
	Average	1923-27	3,634	15,770	8,827	995	4.9	21 · 1	11 · 8	63
Third {		1928 1929 1930 1931 1932	3,557 3,720 3,489 3,579 3,478	14,868 14,993 14,862 14,410 14,779	8,561 8,524 8,435 8,364 8,882	844 885 777 714 905	4·8 5·1 4·7 4·8 4·7	20 · 2 20 · 4 20 · 2 19 · 5 19 · 9	11·6 11·6 11·5 11·3 11·9	57 59 52 50 61
	Average	1923-32	3,600	15,276	8,690	910	4.8	20 · 6.	11.7	60
	Average	1923-27	3,118	14,414	10,050	1,015	4.2	19 · 3	13 · 5	70
Fourth Quarter		1928 1929 1930 1931 1932	3,160 3,148 3,101 2,908 3,245 3,115	13,875 13,791 13,705 13,230 13,034 13,971	9,591 9,612 9,850 9,604 9,644	974 937 985 888 957	4·3 4·3 4·2 3·9 4·4	18·8 18·7 18·6 17·9 17·5	13·0 13·1 13·4 13·0 13·0	70 68 72 67 73
1st Q 2nd 3rd 4th	uarter, 1933	•••	3,611 3,449	13,739 14,994	12,922 9,731	1,067 892	4.8	18.4	17·3 13.0	78 59

TABLE II. - Deaths from some of the principal causes registered in Saorstát Éireann during each of the years 1928-33 by quarterly periods, with the rates represented thereby

36			Q'	uarieriy	ne	varn oj .	IM U	rriuges,	Du					
1	-	irths	Other Puerperal Conditions	3.19 3.38 3.15 2.81	3.05		Į	22.32	.	2.76		3.94		2.80
١	Per	1,000 Births	Puerperal Sepsis	1.74 1.37 1.39 1.16 1.37	1.41	1.10		1.37		1.88		1.17		1.24
Sille	2	1	Сапсет	1.08 1.06 1.13 1.11 1.07	1.09	1.11 1.07 1.20 1.16	1.14	1.001	1.06	1.03 1.10 1.03 1.06	1.04	1.13	1.13	0.98
ODA ATT. DA ATTER	1	Population	Pulmonary Es	1.08 1.02 1.01 1.03 0.94	1.02	1.20	1 - 15	1.22 1.16 1.23 0.96	10	1.00 0.88 0.91 0.89 0.89	0.91	0.91 0.85 0.85 0.85	0.85	86.0
ATC.			Tubercalosis All Forms Pulmonary	1.30	1.30	7.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1	1.46	1.54 1.47 1.61 1.27	1.48	42.1 1.18 1.18 41.1 41.15	1.18	1.16 1.14 1.09 1.08 0.97	1.09	1.28
		er 1,000	rzuənyuı	0.23	0.42	0.45 0.33 1.03 1.12	0.84	0.67 0.67 0.67 0.66	0.54	0.11 0.10 0.10 0.11 0.17	0.38	0.18 0.13 0.13 0.20	0 · 18	1.48
		P	Principal Epi- demic Diseases	00.53	0.53	0.70 0.54 0.56 0.67 0.56	0.61	0.55 0.55 0.54 0.54 0.54 0.54	0.50	0.54 0.54 0.42 0.42 0.59	0.49	0.54 0.60 0.44 0.45 0.45 0.53	0.53	0.56
			Other Puerperal Conditions	189 159 180 158	177	55.644		1 444		443		54 45 40		55 42 82
			Puerperal Sepsis	103 80 81 81 66	53	16		202		1 200	1	16 14 26		17
	-		Оапсет	3,190 3,116 3,294 3,294 3,175	3,221	817 788 887 854 847	839	778 770 820 789 766	785	763 711 813 760 785	766	832 847 809 891 777	831	731
2		ulosis	Ригтопату	2,999 2,964 2,964 3,051 2,798	3,000	8883 849 814 858 848	850	899 853 852 912 717	847	739 6457 669 655 655	673	668 652 629 629 626 575	630	731
		Tuberculosis	smrofi llA	4,047 3,875 3,902 3,579	3,846	1,147 1,060 1,068 1,068 1,074 1,062	1,082	1,134 1,102 1,083 1,189 1,189	1,001	912 873 868 842 853	870	854 840 806 797 719	803	920 940
			Influenza	858 1,659 614 1,472 1,595	1,240	331 921 245 762 831	618	314 495 202 497 487	399	. 83 105 71 83 130	95	130 138 96 130 147	128	1,107
	O.M.		TOTAL	1,630 1,561 1,505 1,518 1,518 1,649	1,573	517 397 413 492 419	448	2008 3355 3355 398 398	371	357 399 313 438	364	353 400 444 360 394	390	418
	CHS EROM	Diseases.	Distances and Enteritis (under 2 years)	569 492 533 551	541	112 107 126 141 100	117	94 97 103 108 110	103	186 189 127 142 207	170	177 166 136 142 134	151	105
4	DEATHS		Dysentery	∞ 20 21 4 8	10	H. H.	61	co c1 · · ·	-	H .Hm •	-	4 · · - 12	7	
١			Прислетія	225 304 386 317 377	322	81 100 80 113	94	55 70 86 66 81	72	31 71 69 73	09	58 83 129 102 110	96	125 70
۱		Epidemic]	Whooping-cough	279 393 352 139 294	291	106 125 125 46 61	83	98 100 101 101	35	90 83 83 89 89	69	2000004 2000004	54	75
			Scarlet Fever	79 62 41 74 86	69	22 L L 22 48 25 25	20	221 10 110 24 24	19	12 18 17 10	13	19 10 19 27	17	29
۱		Principal	Measles	369 139 158 372 247	257	188 188 104 104 104	110	110 488 21 108 69	71	800 800 800 800 800 800 800 800 800 800	28	32 89 50 39	48	67 36
		F	Small-pox										.	
١			Typhus		7	H4 C1	-	₩ 61 00 4 ·	2	01	61	H 44	6	
			Typhoid Fever	94 88 70 68 83	81	85.241 8.024.00 8.03	21	22.2 12.2 13.5 13.5	18	26 16 16 16 22 22	21	10 22 19 19 35	21	12
oy.			RTER	: ::	:	:::::		: : : : :	28-32		328-32		Qr., 1928-32	1933
d there	YEAR AND QUARTER			1928 1929 1930 1931 1931	928-32	1928 1929 1930 1931 1932	st Qr., 19	1928 1929 1930 1931 1932	nd Qr., 19	1928 1929 1930 1931	3rd Qr., 1928-32	1928 1929 1931 1931		1st Quarter, 1933 2nd """ 3rd """
represente				Year	Average, 1928-32	First Quarter	Average, 1st Qr., 1928-32	Second	Average, 2nd Qr., 1928-32	Third Quarter	Average, 3	Fourth Quarter	Average, 4th	1st 2nd 3rd 4th

MORTALITY BY COUNTIES, &c.

Table III.—Showing for Counties, etc., the Death-rates from all Causes, and from some of the Principal Causes, per 1,000 of the population; with the mortality per 1,000 births represented by deaths of infants and deaths from puerperal conditions, during the quarter ended 30th June, 1933.

(See Note on Second Page).

			(See No	te on Se	cond Pa	ge).				
			-RATES F	PER 1,000 FROM		Deaths	DEA		M PUERP	ERAL
Counties and County Boroughs by Provinces with Urban and Rural		Prin-	Tuber	rculosis		Infants under one	То	tal	Puer] Sep	
Groupings	All Causes	cipal Epide- mic Diseases*	Ail Forms	Pul- monary	Influ- enza	year per 1,000 Births ‡	Number	Rate per 1,000 Births ‡	Number	Rate per 1,000 Births ‡
SAORSTÁT ÉIREANN†	13.0	0.4	1'3	1.0	0.2	59	56	3 · 7	14	0.9
Carlow County Dublin City of Dublin† Kildare County Kilkenny Laoighis Longford Louth Meath Offaly Westmeath Wexford Wicklow Wicklow Wicklow Windows Windows Wexford Wicklow Windows Wi	14.4 13.0 13.3 13.5 13.2 13.2 13.5 12.2 14.1 12.9 12.6 14.4	0.8 0.6 0.7 0.4 0.3 0.5 0.3 0.2 0.1 0.2 0.4	2.0 1.5 2.0 1.2 1.0 1.5 1.1 1.1 0.9 1.2 1.3 1.3	1.3 1.0 1.5 0.6 0.8 0.9 1.0 0.9 0.9 1.1 0.9 0.9	0.5 0.2 0.3 0.3 0.4 2.5 0.3 0.5 0.3 0.5 0.8	73 44 69 80 73 59 27 71 72 69 36 71 65	217 2 . 18131	9.8 2.1 2.5	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0.7 5.4 3.6 4.6 2.1
LEINSTER	13.4	0.5	1.5	1.2	0.4	63	21	3.2	6	0.9
Clare County Cork Co. Borough Kerry County Limerick Co. Borough Tipperary County N.R. Tipperary County N.R. Waterford County Waterford Co. Borough	12.7 12.6 13.8 11.0 14.5 17.7 12.6 12.4 14.3 14.7	0.0 0.4 0.4 0.1 0.4 2.6 0.3 0.2 0.2	1.2 1.0 1.7 1.0 1.3 1.9 1.3 0.9 1.3 2.3	1.0 0.8 1.5 0.8 1.1 1.7 1.1 0.6 0.8 1.7	0.5 0.4 0.2 0.6 1.3 0.7 0.5 0.3 0.5 0.5	27 54 76 49 61 135 68 36 41 108	51622	3.8 2.2 8.9 4.0 4.9 4.1 6.3	1	1.5
MUNSTER	13.0	0.4	1.2	1.0	0.5	58	18	3.8	2	0.4
Galway County Leitrim Mayo Roscommon Sligo	13.2 14.6 12.3 12.4 13.3	0.2 0.6 0.2 0.2 0.3	1.1 1.0 1.1 0.5 1.3	1.0 0.9 0.9 0.3 0.8	$0.5 \\ 1.1 \\ 0.4 \\ 1.0 \\ 1.2$	72 54 46 38 43	7	8.4	2	2.4
CONNAUGHT	12.9	0,3	1.0	0.8	0.7	54	9	3.6	2	0.8
Cavan County Donegal ,, Monaghan ,,	12.4 11.8 15.1	$\begin{array}{c} 0.4 \\ 0.3 \\ 0.4 \end{array}$	0.5 1.2 0.9	0.5 1.0 0.6	0.3 0.8 0.7	78 45 63	1 2 5	3.0 3.2 18.5	<u>.</u>	14.8
ULSTER (part of)	12.6	0.3	1.0	0.8	0.6	58	8	6.5	4	3.2
Twelve Principal Towns Urban Districts under	13.6	0.7	1.8	1.5	0.2	74	11	2.5	4	0.9
10,000 Population Aggregate Co. Boroughs and Urban Districts	14.1	0.6	1.6	1.1	0,5	83	2	1.8	1.	0.9
Aggregate Rural Districts	13.7	0.7	1.8	0.8	0.3	76 50	13 43	4.5	9	0.9

^{*} Typhoid fever, typhus, small-pox, measles, scarlet fever, whooping-cough, diphtheria, dysentery and diarrhead diseases.

[†]The rates for Saorstát Éireann and the City of Dublin are calculated on the estimated population in the middle of 1933; those for the other areas on the population according to the Census of 1926.

[†] The rates for the administrative counties of Dublin, Cork, Limerick and Waterford are based on the births registered therein plus a proportion (derived from the record of transfers during 1930-1932) of the births registered in the respective county boroughs relating to other localities.

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DISTRICTS. URBAN

Mo. Uncertified to Urban Districts (including County Boroughs), and the number of DEATHS (exclusive of those occurring in public Institutions belonging 4406480446008 01040120040<u>1</u> Public Institu-0100000000101 isost, asonbul 20 Violence 01101 1-0101-04-0000 OHHHHOOO! 481 Cancer क्षिक्षक म छाछम 63 93 87 62 Other Forms 11720711 10.00 56 740 Pulmonary . TO3 62 24 rzuenyuI Diarrhea & Fn-teritis (children under 2 years) . . н . н ю ю ю оп оп оп оп 12 38 Dysentery Caused T-01400 30 Diphtheria congp Epidemic Whooping-Scarlet Fever 19 Principal Measles ended 30th June, 1933, relating also particulars of BIRTHS and Small-pox Typhus .2 Typhoid Fever also particulars of 100001 F00000 260 3,330 At 65 years and up-· 10. 00 - 00 - 00 - 01 -Under I year of Age 6,669 Quarter Deaths from some of the principal causes (see Note on second page); to other localities) for BelfarsT and London Berry. Total Number 8688888 8688888 8688888 86888888 094 9,564 5,430 2,801 4.994 4.336 registered during the BIRTHS Total Number ----00001-000 7040-000 9.0 0.2 From principal Epidemic Diseases 0 persons repre-sented by DEATHS Annual Rate per 1,000 800rr8408080 001041-0490000 13.0 2700041-881000 From all Causes 22274919995 ててらってのててひひょす 20.0 24.3 BIETHS 18 21. 4922222224 -BIRTHS and DEATHS Acre Per-5 CHRSUS STATISTICS OF DISTRICTS IN 1926 to an 405,300 35,111 78,490 26,647 14,227 13,996 11,879 11,879 11,879 10,533 8,052 8,052 8,054 9,054 9,054 1,054 1,054 1,054 1,056 1, 207.021 2,971,992 168,978 2,095,141 Popula tion ::::: Total Urban Districts under 10,000 Population District Boro'* Potal 12 Principal Towns EIREANN* 2 2 2 2 2 2 URBAN DISTRICTS Potal Rural Districts Fotal Urban Districts Dun Laoghaire Cork Co. E Galway Urban Canannus Mor PROVINCES AND Limerick Waterford Dundalk An Uaimh Howth Kilkenny Wexford Arklow SAORSTAT Franard LEINSTER Carlow Sligo

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ANTEN	H. M. G. C.		Beltur Bentur Buncr Bundo Carriek Castlel Cavan Clones Cooteh Letterl Monag	Belfast City ‡ Londonderry City‡
		III.	IV.	E C

• The rates for Sacretát Eireann, the City of Dublin and the Borough of Dun Laoghaire are calculated on the estimated populations in the middle of 1933.

† The information given for Beffast and Londonderry relates to the thirteen weeks ended 1st July, 1933.

The birth and death rates are based on the Census population of 1926; the epidemic rate includes influence.

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d 1st July, 1933, the mortality from All Causes and from some of the Principa and AND CORK,* also the Deaths at certain age periods, and the number of Uncertud is not comparable with the figures shown in TABLE IV.—Correction is made for Deaths of DUB in institutions situated in adjacent rural areas and in other towns of 10,000 inhabitants or upwards.			J 70	1	Other Forms	00 N 100	හ භ	4195	니480 82	44	15	HH .01	1
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[ABLE V—Showing for the Quarter (13 weeks) ende Registrars' Districts in the Cities of Dubi Note: This Table is a summary of the Weekly Returns an institutions situated within their boundaries, as well as it					REGISTRARS' DISTRICTS, &c.	:::	hekno, part	Nos. 1 & 2, part of	61	TRITIN	0.0	BK	
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CASES OF INFECTIOUS DISEASES.

Table VI.—Summary of Cases of Infectious Disease notified to the Department of Local Government and Public Health in respect of Saorstat Éireann for the Quarter ended 30th June, 1933.

The letters in the last column denote the following diseases:—A. Acute anterior pollomyelitis. B. Cerebrospinal meningitis. C. Continued fever. D. Encephalitis lethargica. E. Erysipelas. F. Ill-defined fever. G. Membranous croup. H. Meningitis. J. Ophthalmia neonatorum. K. Pneumonia, influenzal. L. Pneumonia (other forms). M. Puerperal sepsis.

		County Boroughs	Ty- phus	Ty- phoid fever	Diph- theria	Scarlet fever	Other Diseases (See note at head of table).
Cork	^**			1	34	27	5E, 1L, 3M.
Dublin	•••	100 830		10	251	168	2B, 2D, 25E, 1K, 49L, 4M.
Limerick	•••	, 680		4	116	50	1E, 5L, 1M.
Waterford	•••	•••			3	11	1M.
		Totals		15	404	256	2B, 2D, 31E, 1K, 55L, 9M.

URBAN DISTRICTS

Con	unty		Urban District	Ty- phus	Ty- phoid fever	Diph- theria	Scarlet Fever	Other Diseases (See note at head of table).
Carlow	•••	***	Carlow			3	10	1E, 1L.
Cavan	•••	***	Belturbet Cootebill			1	6	1L.
Clare	***	•••	Ennis			5		
Cork	•••	• • •	Fermoy Kinsale Passage West Youghal			3 2 1	1	

TABLE VI. contd.—URBAN DISTRICTS—contd.

	C	ounty		Urban District	Ty- phus	Ty- phoid fever	Diph- theria	Scarlet fever	Other Diseases (See note at head of table).
Done	gal	•,•	•••	Letterkenny					1E.
Dubl	in	•••	***	Dun Laoghaire Howth	* .		9	26 2	3E.
Galw	'ay	**>.	•••	Ballinesloe Galway			4	5	1E, 1L. 1E.
Kerr	ý	•••	***	Killarney Listowel Tralee		1	10	1	
Kild	are	•••	.***	Athy Naas			1 1		1M.
Kilk	enny	***,	•••	Kilkenny			.1	13	
Lon	gford	•••	· • • •	Longford			2		
Lou	th	•••	***	Drogheda Dundalk		1	3 1	1 6	
Maj	70	•••	•••	Ballina Castlebar				3	1L,
Mea	th	***	•••	An Uaimh		. 1		1	
Moi	naghan	•••	2	Carrickmacros Castleblayney Clones Monaghan			1 1	1 2 4	1E. 1E, 1L.
Offs		•••	·	Birr Tullamore				1	1D.
Blig			•••	Sligo		1	1	1	
Tig	perary	(S. R.)	•••	Carrick-on- Suir Cashel Tipperary			1	7	
We	xford	***	•••	New Ross				-	3L.
Wi	cklow	***	•	Bray Wicklow			2	1 4	
	J	TOTALS	•••			- 4	56	108	1D, 9E, 8L, 1M.

TABLE VI. contd.—RURAL DISTRICTS.

-							DIS	TRICTS.
Со	unty		Rural District	Ty- phus	Ty- phoid fever	Diph- theria	Scarlet	Other Diseases (See note at head of table).
Carlow	•••		Baltinglass No. 2 Carlow			1 4	6	1K.
Cavan			Bailieborough Bawnboy Castlerahan Mullaghoran			9	9	1E. 1L. 1M.
Clare	•••	•••	Corrofin Killadysert Limerick No. 2 Scariff Tulla			2 1 1	1 1 1	
Cork			Bandon Castletown Charleville Cork Dunmanway Fermoy Kanturk Kinsale Macroom Mallow Midleton Millstreet Mitchelstown No. 1 Skibbereen Skull		1 2	4 9 3 1 1 1 1 2 2	12 8 2 3 4 2 4 2 4 2	1A. 4J. 2M. 4K. 1K, 5L, 1M. 1E, 1K, 1L. 1E, 2K. 1L.
Donegal	•••	•••	Ballyshannon Donegal Dunfanaghy Glentles Inishowen Letterkenny Stranorlar		5 1 2 1	9 8 1 1	9	36K, 5L. 1L.
Dublin	•••	•••	Balrothery Celbridge No. 2 Dublin North Dublin South Rathdown No. 1		2	6 1 4 5 6	3 2 6 3 2	1E, 1K, 1L, 1M. 1L. 3E, 2L. 2E, 1L.
Galway			Ballinasloe No. 1 Galway Glenamaddy Loughrea Mountbellew Oughterard Portumna Tuam		1	2 1 1 1 5	7 1 2 2 2	2L. 1E, 1M. 4L. 1M. 1B.
Кетгу		•••	Caherciveen Dingle Killarney Listowel Tralee		1 1 2 3	1	4 1 1	1K, 2L. 1E, 1L. 10K, 4L, 1M. 1D.
Kildare			Celbridge No. 1. Edenderry No. 2 Naas No. 1			3 1 3	12 1 8	1E.
Kilkenny			Thomastown			10		
Laoighis		i	Abbeyleix Mountmellick Slievemargy			1 6 3	2	
							1	

TABLE VI contd.—RURAL DISTRICTS—contd.

			TABLE VI cont	d.—R	UKAL	, DIS.	IRIG	18—conta.
Cour	ity		Rural District	Ty- phus	Ty- phoid fever	Diph- theria	Scar- let fever	Other Diseases (See note at head of table)
Leltrim	040	•••	Ballinamore Carrick-on- Shannon No. 1 Manorhamilton Mohill		1 1* 1	2		
Limerick	***	•••	Croom Kilmallock Limerick No. 1 Mitchelstown No. 2 Newcastle Rathkeale Tipperary No. 2		1	4 5 2 7	17 5 21 1 10 13 5	1K, 2M. 6K, 5L, 1M. 6K, 1L. ¹ L. 3K, 7L, 1M. 4L.
Longford	***	.***	Ballymahon Granard No. 1 Longford		2 1	1	1	
Louth	•••	•••	Dundalk Louth			1 2	5	1G.
Mayo	***	,***	Ballina Claremorris Swinford Westport		1 5	5 7 1	.16 2 8	2L. 1L. 2K, 1L. 2L.
Meath	•••	•••	An Uaimh Ceannanus Mór Dunshaughlin Trim		1 1	-	1 8 1	
Monaghan	. •••	***	Carrickmacross Castleblayney Clones No. 1 Monaghan			1 1 7	2 2 5	1E, 1M. 1E, 2M. 1M.
Offaly .	, ***	****	Birr Edenderry No. 1 Tullamore		1	1 8 1	1	
Roscommon	l	•••	Athlone No. 2 Boyle No. 1 Carrick-on- Shannon No. 2 Castlerea Roscommon		1	6 8	2 10	1E. 4K. 3L. 3M.
§ligo	***	**	Dromore West Sligo			5	:1	
Tipperary	(N.R.)	**	Borrisokane Nenagh Thurles			. 8	5 1 1	

^{*} Paratyphoid fever.

Table VI contd.—RURAL DISTRICTS—contd.

County	Rural District	Ty- phus	Ty- phoid fever	Diph- theria	Scar- let fever	Other Diseases (See note at head of table)
Tipperary S.R.	Cashel Clogheen Clonmel No. 1 Slieveardagh Tipperary No. 1.		1	8 2 2	4 5 3	
Waterford	Carrick-on-Suir No. 2 Kilmacthomas Youghal No. 2			2	1 1 5	
Westmeath	Athlone No. 1 Ballymore Coole Mullingar		. 1	3 2	1	1 E. 1 E. 2 E.
Wexford	Enniscorthy Gorey Wexford			1	4 1 1	1 M. 3 L.
Wicklow	Baltinglass No. 1 Rathdown No. 2 Rathdrum Shillelagh		2	8	1 1 3	1D. 2M.
TOTALS	and the same of th	-	56	256	313	1A, 1B, 2D, 19E, 1G, 79K, 70L, 24M.
	y Boroughs Districts Districts	_	15 4 56	404 56 256	256 106 313	2 B, 2 D, 31 E, 1 K, 55 L, 9 M. 1 D, 9 E, 8 L, 1 M. 1A, 1B, 2D, 19E, 1G, 79K, 70L, 24M.
Total f	or all Districts	-	75	716	675	1A, 3B, 5D, 59E, 1G, 80K, 133L, 34M.

Table VII.—Showing the Number of Cases of the undermentioned Diseases treated in Dublin Hospitals during the Quarter (13 weeks) ENDED SATURDAY, 1st July, 1933.

DISEA	SES		No. of Cases in Hospital at close of previous quarter	Admitted during quarter	Discharged	Died	No. under treatment on above date
Typhoid fever	•••	. •••	8	9	- 8	1	8
Typhus	***	•••	•	•		• -	
Small-pox	***	• • • • • • • • • • • • • • • • • • • •		•	1	. •	
Measles	***	•••	46	116	137	8	17
Scarlet fever	***	***	78	197	189		86*
Diphtheria	*** 1		83	260	199	20	124
Pneumonia	***		27	68	63	16	16

^{*}Exclusive of 19 patients in " Beneavin," the Convalescent Home of Cork Street Fever Hospital.

Table VIII.—MARRIAGES, BIRTHS AND DEATHS Registered during the Quarter ended 30th June, 1933, in SAORSTAT EIREANN, shown by Provinces and Countibe, with Deaths from some of the Principal Causes; Inquest Cases: Deaths in Public Institutions; Uncertified Deaths; and the number of VACCINATIONS; also similar particulars for the whole of Northern Ieeland. Deaths in Institutions are assigned to the districts in which the deceased normally resided.— See Note on

		_			302	32	365	088	272	255	205	152	191	140	186	259	35	561	4,164	280	1,196
	3	ing	lut tani	No. of success	12		0.5	p					-1	10			L-	00			
				Uncertified Deaths	1,902	19	41	17	10	44	35	39	24	ÇĬ	35	25	57	18	375	81	151
				Destinations of Pub	2,785	24	128	714	26	26	40	32	43	58	49	55	65	54	1,381	89	251
				Inquest Cases	308	7	<u>c1</u>	52	11	# [9	ග	10	9	ಣ	4	00	7.0	144	1~	18
				Violence (a)	250		16	67	12	10	-1	က	00	0	10	4	œ	හ	130	ъ	16
	nde			Cancer	731	13	27	107	19	13	20	9	22	20	13	12	22	6	298	61	06
	include		- no	Other	200	9	=======================================	44	00	00	E-	-	4	•	61	9	1-	ಣ	102	23	101
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	the Qu			kzneuhnl	383	4	5	16	~1	10	10	25	23	හෙ	9	12	9	6	108	11	27
	during	from		Diarrhoen and Enteritis (Children under 2 years).	83	1	2	16	1	80	ଦୀ		က	ေ		1	1	t	37	٠	00
	Registered	Deaths	ses	Dysentery	•	•		•	٠	•	•	•	•	•	•	•	•		1 .	•	•
	Regis	À	Diseases	Diphtheria	70		1-	17		prod	67	•			-			41	98	•	1-
	Deaths		emic	congy Whooping-	75		quest	17	4		63		-		-		•	•	85		ಣ
			Epidemic	Scarlet	9						•	•		. •		•	•	•	-		-
	The		ipal	Measles	36	6.1	٠	19	٠	•	_	•	•	•	•	•	67	٠	24	•	-1
			Principal	xoq-llsm2	•		•	•	•		٠	•	•	•			•		•	•	•
				Typhus	-		•		•	•	•		•	•	•	•	•	•	•	•	•
				Typhoid Fever	16		61	1		•	٠	•	•	_		•	•	-	10	•	-
		l jos	EIS	Persons 65 yes	4,245	45	123	354	63	110	7.6	99	81	115	80	7.0	140	£-	1,410	161	425
		Deaths of		Infants under I year	892	15	10	192	24	24	14	10	21	20	15	10	33	15	409	12	72
	-	-			9,731	124	325	,395	196	234	170	134	192	222	170	171	303	208	3,844	305	905
	stered			Deaths	Date:			-													
	Numbers Registered			Births.	14,994	202	318	3,166	301	329	238	184	296	279	216	274	468	230	6,504	44]	1,229
	Num			Marri- ages	3,449	36	159	722	58	81	28	35	92	7.1	64	52	84	56	1,541	80	272
	-	-		Popula- tion Census 1926.	2,971,992	34,476	100,354	405.300	58,028	70,990	51,540	39,847	62,739	62,969	52,592	56,818	95,848	57,591	1,149,092	95,064	287,257
(-	-		Area in Statute		17,024,481	221,485	208,920	18,781	418,644	509,470	424,892	257,935	202,814	577,816	493,637	435,604	580,894	500,244	4,851,136 1,149,092	787,768	1,840,905
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second page.)				PROVINCES AND COUNTIES.	Saorstat Eireann(b) 17,024,481	Carlow	Dublin	City of Dublin	Kildare	Kilkenny	Laoighis	Longford	Louth	Meath	Offaly	Westmeath	Wexford	Wicklow	LEINSTER	Clare	Cork

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185	161	88	87	65	63	26	34	1,092		202	33	161	92	89	567	OI LC	105	59	249	1,428	des, and
78,490	149,171	100,895	39,448	59,645	81,370	51,915	26,647	969,902		169,366	55,907	172,690	83,556	71,388	552,907	89 459	152.508	\$5.131	300,091	1,256,561	chs, homici
2,685	1,161,708	661,573	2,386	493,255	558,034	453,051	1,438	5,962,803		1,467,639	376,774	1,333,941	608,540	443,928	4,230,822	467 169	1.193.573	318,985	1,979,720	3,351,444	idental dead
Cork Co. Borough	Kerry	Limerick	Limerick Co. Boro'	Tipperary N.R.	Tipperary S.R.	Waterford	WaterfordCo.Boro	MUNSTER	,	Galway	Leitrim	Мауо	Roscommon	Sligo	CONNAUGHT	Cavan	Donegal	Monaghan	ULSTER (part of)	NORTHERN IRELAND(c)	(a) Including accidental deaths, homicides, and suicides. Coolattin and Thankely Districts in Shillelach S R D

Sociated and interest between District in Strandt in Train S.K.D., Tory Island District in Unitariaghy S.R.D., and Castlefin District in Strandria S.R.D. and Castlefin District in Strandria S.R.D. and having been received in time for Press the number of Births and Deaths registered in the corresponding quarter of 1932 have been adopted. (c) For Northern Ireland, the Marriages relate to the quarter ended 31st March, 1933.

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	ns from	ses	Dysentery			•	*. * *					
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		!	Measles	61		19			- ·			٠
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			Popula- tion Census 1926.	34,476	19,336 30,884 50,134	405,300	16,690 8,116 33,222	7,370 8,745 23,569 27,909 3,397	22,199 29,341	7,796 13,335 18,716	11,030 18,278 33,431	13,108
			Area in Statute Acres.	221,485	84,405 97,566 26,949	18,781	130,460 53,703 234,481	62,169 57,867 133,462 225,444 30,528	224,251	69,834 84,678 103,423	67,239 41,979 93,596	108,757
			SUPERINTEN- DENT BEGISTRARS' DISTRICTS.	ICE OF	DUBLIN. 2. Balrothery 3. Dublin, part of 4. Rathdown	CITY OF DUBLIN 5. Dublin, part of	KILDARE Celbridge Naas	KILKENNY. Callan Castlecomer Kilkenny Thomastown	LAOIGHIS. Abbeyleix Mountmellick	LONGFORD. Granard Longford	Louth. Ardee Drogheda Dundalk	MEATH. Dunshaughlin Kells
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248,866 81,156 163,615	98,984 110,986 225,634	193,384 130,103 124,397 133,010	154,966 262,200 83,078	71,629 61 381 113,324 99,600 62,615 137,507 241,712	101,482 107,277 74,296 80,994 105,841 105,841 108,733 80,129 1179,123 109,102 1179,123 1169,102 1179,123 1169,102 1179,123 1179,123 1169,102 1179,123 1169,102 1179,103 1179,1	2,685	198,101 126,454 198,416 251,430 165,500 221,807
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The Deaths Registered during the Quarter include	DII (Diarrhoea and Enteritis (Children under 2 years)	няння	2		.Hc1		н .00
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The		ipal	Measles		•			· ,	
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ı			Typhoid Fever		0.1				
ı	of 1		Persons 65 years and upwards	22.44.024	41	11 04 09 28	10 48 17 17 17	82 H 01 G1	\$41534HFF8 84800080E
	Deaths		Infants under 1 year	10 10 7	32	4662	काछ स्थाक	3 11 6	0000H40.0H0
	stered		Deaths.*	. 41 97 90 69 68	175	22 75 21 70	80 83 80 80 80 80	9 57 15 4 98 17 4 19 9	20042184488 20042184088
	Numbers Registered		Births.	73 102 118 121 71	260	889 890 920	40 134 37 68 133	88 229 37 74 171	644 656 655 657 883 777 777
	Numb		Marria 866.	125 135 178	87	17 7 36	861 91 141	221 16 16 34 34	81133 1277 414 1997
-			Popula- tion Census 1926.	10,087 24,284 25,417 23,884 17,223	39,448	9,213 20,792 7,586 22,054	6,893 26,000 12,348 13,777 22,352	18,287 6,321 10,802 16,505 26,647	13,760 13,760 11,639 10,750 10,750 10,750 10,750 10,104 10
			Area in Statute Acres.	83,369 164,342 142,823 143,840 127,199	2,386	109,667 183,392 57,541 142,655	26,118 222,782 117,415 47,305 144,414	144,323 64,595 97,178 146,955 1,438	155,542 193,692 198,512 82,958 106,321 172,439 173,438 77,243 208,558
			SUPERINTEN- DENT REGISTRARS' DISTRICTS.	LIMERICK. 70. Croom 71. Kilmalock 72. Limerick(pt. of) 73. Newcastle 74. Rathkeale	LIMERICK CO. BORO'. 75. Limerick (pt.of)	TIPPERARY, N.R. 76. Borrisokane 77. Nenagh 78. Roscrea 79. Thurles	Tipperary, S.R. 80. Carrick-on-Suir 81. Cashel 82. Cloghen 83. Clomel 84. Tipperary	WATERFORD. 85. Dungaran 86. Kilmaethomas 87. Lismore 88. Water d.(pt. of) warerone C. Brea. 89. Water d.(pt. of) III. PROVINCE OF	9. GAIWAY. 9. Ballinasloc 9. Cliffens 92. Galway 94. Gort 95. Loughtera 95. Loughtera 97. Oughtera 98. Portumna

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QUARTERLY RETURN

OF THE

MARRIAGES, BIRTHS AND DEATHS

REGISTERED IN

SAORSTÁT ÉIREANN

DURING THE QUARTER ENDED 30TH SEPTEMBER, 1933.

BY PROVINCES, COUNTIES, AND SUPERINTENDENT REGISTRARS' DISTRICTS,

WITH

Certain Detailed information relative to the Deaths in Superintendent Registrars' Districts and in Urban Districts; Notifications of certain Infectious Diseases in Urban and Rural areas,

Persons Vaccinated, &c., &c., &c.

By Authority of the Registrar-General.

To be purchased directly from the GOVERNMENT PUBLICATIONS SALE OFFICE, 5 NASSAU STREET, DUBLIN, C.2. or through any Bookseller.

Price Sixpence Net.

4980).K5243.Wt.16-98.P.3.8.290.12/33, Falconer.

NOTE.—The figures given in this Report, being based on unrevised Registrars' Returns and compiled as soon as possible after the close of the Quarter, must be regarded as provisional. Revised figures appear in the Detailed Annual Report.

The Deaths registered in any part of the country are referred to the normal area of residence of deceased. Deaths of residents of other countries, if any, are allowed to remain in the Districts in which they occur.

The Births registered in each urban area, according to numerical returns furnished by the Registrars, have been partially corrected by the exclusion of those occurring in institutions of infants whose mothers were admitted from other localities. No correction is made in these reports for births in rural areas. In Table IV, as a consequence, there is liability to slight understatement in the births for urban districts, and a corresponding overstatement in those given for the rural districts.

GENERAL SUMMARY.

The Marriage-rate for the third quarter of 1933 was 4.8 per 1,000 of the estimated population. This rate is equal to the average for the corresponding quarter of the ten years, 1923-32. The marriage rate among Catholics was 4.7, and among all other denominations, 5.5.

In Northern Ireland the marriage rate for the second quarter of 1933 was 6.2 per 1,000; in England and Wales 8.5, and in Scotland 6.7, as compared with 4.6 for Saorstat Eireann.

The **Birth-rate** was $20\cdot 0$ per 1,000, representing 14,923 births registered. This rate is $0\cdot 6$ below the average $(20\cdot 6)$ for the third quarters of the ten years, 1923-32. For Dublin City the birth rate was $27\cdot 2$; for Dun Laoghaire, $15\cdot 6$; for Cork, $22\cdot 4$; for Limerick, $27\cdot 7$; and for Waterford, 28.2.

The corresponding birth-rate for Northern Ireland during this quarter was 19.7; for England and Wales, 14.6; and for Scotland, 17.1. The birth-rate for Belfast was 19.8; for Londonderry, 28.4; for London, 13.2; for Glasgow, 18.3; and for Edinburgh, 14.7.

The rate in respect of Deaths registered (numbering 8,267) was 11·1, being 0·6 below the average (11.7) for the third quarters of the preceding ten years.

For Dublin City the death-rate was 11.8; for Dun Laoghaire, 12.0; for Cork, 14.0; for Limerick, 15.0; and for Waterford, 10.7.

In Northern Ireland the death-rate for the quarter under review was 11.1 per 1,000; in England and Wales 9.5; and in Scotland, 10.6. In Belfast the rate was 11.2; in London-derry, 10.8; in London, 8.9; in Glasgow, 10.6; and in Edinburgh, 10.8.

Deaths from the Principal Epidemic Diseases (comprising typhoid fever, typhus, small-pox, measles, scarlet fever, whooping-cough, diphtheria, dysentery and diarrhoeal diseases) afforded an annual rate of 0.5 per 1,000, which is equal to the average for the third quarters of the five years, 1928-32.

The mortality from Influenza was equivalent to a rate of 0.1 per 1,000; the average for the corresponding quarters of the preceding five years was also $0 \cdot 1$.

The rate for deaths from all forms of Tuberculous Disease was 1.0 per 1,000, which is 0.2 below the average rate for the third quarters of the five years preceding.

Deaths from Puerperal Conditions are represented by a rate of 4.2 per 1,000 births registered, comprising $1\cdot 2$ for puerperal sepsis and $3\cdot 0$ for other puerperal conditions, as compared with 0.6 and 2.4 for the third quarter of 1932.

The Infant Mortality rate (deaths of infants under one year of age per 1,000 births registered) was 55, in comparison with an average of 60 for the third quarters of the ten years, 1923-32.

The Population in the middle of 1933 is estimated as 2,992,000 persons (comprising 1,524,000 males and 1,468,000 females) showing an increase of 18,000 on the estimate for the middle of 1932. This increase is derived from the natural increase (excess of births over deaths), and the excess of immigration over emigration.

The Natural Increase during the third quarter of 1933 was 6,656, as compared with an average of 6,586 for the third quarters of the ten years, 1923-32.

During the third quarter of 1933, the number of Emigrants to places out of Europe and not within the Mediterranean Sea was 313, and the number of Immigrants from these places, 975.

MARRIAGES.

The marriages registered during the quarter ended 30th September, 1933, numbered 3,553, equivalent to an annual rate of 4.8 per 1,000 of the estimated population, this rate being $0\cdot 1$ above that for the corresponding quarter of 1932, but is equal to the average for the second quarter of the ten years, 1923-32 (See Table I). Of the total marriages, 3,249 (or $4\cdot 7$ per 1,000 of the estimated number of Catholics in the population) were those of Catholics, and 304 related to all other denominations, equivalent to 5.5 per 1,000 of the population other than Catholic. The marriage-rate among Catholics is 0.1 below, and that among other denominations 0.1 above, the respective averages for the third quarters of the preceding ten

BIRTAS.

Births registered in the 642 Registrars' Districts into which Saorstat Eireann is divided for registration purposes, amounted to 14,923, of which 7,698 were those of males and 7,225 of females, or 1,065 of the former to 1,000 of the latter.

The birth-rate was $20 \cdot 0$ per 1,000 of the estimated population, being $0 \cdot 6$ below the average

(20·6) for the third quarters of the ten years, 1923-32 (See Table I).

The birth-rate for **Urban Districts** (including the cities or boroughs) was 25·2, and for **Rural Districts**, 17·7, as compared with 25·2 and 17·2, respectively, in the third quarter of 1932 (See Table IV).

For the Twelve Principal Towns, the birth-rate was 26.1, as against 26.2 in the correspond-

ing quarter of last year.

Amongst these towns, the rates varied from 35.4 for Galway, 33.4 for Kilkenny, and 28.2 for Waterford to 15.6 for Dun Laoghaire, 18.6 for Dundalk, and 20.5 for Tralee.

DEATHS.

The number of deaths registered during the quarter was 8,267, and of these 4,284 were deaths of males and 3,983 of females. For all persons the equivalent annual rate was $11 \cdot 1$ per 1,000 of the estimated population, being $0 \cdot 6$ below the average for the third quarters of the preceding decennium, and 0.8 below the rate for the third quarter of the year 1932 (See Table I).

For the Urban Districts in the aggregate, the death-rate was $12\cdot 0$, as compared with $12\cdot 6$ in the third quarter of 1932, and for Rural Districts, 10.6, in comparison with 11.7 for the

corresponding period of the preceding year.

The annual rate represented by deaths from all causes for the Twelve Principal Towas

was 12·3, as compared with 12·8 in the third quarter of 1932.

In the quarter under review, the rates for these towns are hereunder given, ranging in order from that with the lowest rate to that with the highest:—Tralee, $9 \cdot 9$, Waterford, $10 \cdot 7$, Dundalk, $10 \cdot 9$, Drogheda, $11 \cdot 3$, Galway, $11 \cdot 5$, Dublin, $11 \cdot 8$, Dun Laoghaire, $12 \cdot 0$, Wexford, $12 \cdot 8$, Cork and Sligo, $14 \cdot 0$, Limerick, $15 \cdot 0$, and Kilkenny, $15 \cdot 9$.

Causes of Death.

In Table II, the mortality from some of the principal causes is given for the third quarter of 1933 and for each quarter of the preceding five years, as well as the averages for each quarter of these years.

Principal Epidemic Diseases.—From this Table it will be seen that the number of deaths (407) from this group of causes is 44 below that for the third quarter of 1932, but is 40 above the average for the third quarters of the five years, 1928-32. Increases are shown in diphtheria and diarrhoea and enteritis of children under 2 years of age in comparison with the average for the previous five years. The increase in diphtheria amounted to 52 per cent., and in diarrhoea and enteritis to 23 per cent. when compared with the average. Decreases have occurred in measles and whooping-cough, the decrease in measles amounting to 86 per cent. in comparison with the average.

Deaths from diarrhoea and enteritis of children under 2 years, numbered 210; of these 158 (or 28·1 per 1.000 births) were recorded for urban areas, as against 52 (or 5·6 per 1,000 births) for rural areas. For urban areas of 10,000 population and upwards ("Twelve Principal Towns"), the mortality was 32.0 per 1,000 births, as compared with 13.0 per 1,000 for urban

districts with less than 10,000 inhabitants.

Table III. shows that the mortality from the principal epidemic diseases in the Counties and Cities varied from 0.1 per 1,000 of the population for the counties of Longford and Clare,

to 1.9 for Limerick County Borough.

The death-rate from these diseases in relation to the twelve principal towns in the aggregate, was 1.2, and the rates fluctuated between 0.0 for Tralee and 1.9 for Limerick; the 148 deaths from all causes for the latter city included one from scarlet fever, 5 from diphtheria, and 13 from diarrhoea and enteritis of children under 2 years (Table IV.).

Influenza.—Deaths from influenza amounted to 92, affording an annual rate of 0·1 per 1,000. The average number for the third quarter of the preceding five years was 95, with a rate of 0·1. Of the deaths in the quarter under review, 9 appertained to urban areas, and 83 to rural districts; the corresponding numbers for the third quarter of 1932 were 22 and 108.

Tuberculosis.—The number of deaths from all forms of this disease during the quarter was 783, equivalent to an annual rate of 1·0 per 1,000 of the population, as compared with an average of 874, and a rate of 1·2 for the third quarters of the five years, 1928-32. As may be seen from Table III, the rates varied from 1·9 for Cork county borough, 1·7 for Louth, 1·5 for Carlow and the City of Dublin. to 0·5 for Monaghan, 0·6 for Limerick, Waterford and Cavan, and 0·7 for Kerry and Donegal. The rate for the aggregate city or borough areas and urban districts was 1·4 per 1,000 of the population of these areas, as compared with 0·9 for rural areas. For the twelve principal town areas the rate was 1·4, and for urban districts under 10,000 population it was 1·3.

Puerperal Conditions.—The number of deaths ascribed to accidents and diseases of pregnancy and childbirth, was 62, being equal to 4·2 per 1,000 births registered. Of the 62 deaths, 18 were due to puerperal sepsis, or 1·2 per 1,000 births, and 44, or 3·0 per 1,000 births, to other puerperal conditions. The corresponding rates for the third quarter of 1932 were 0·6 and 2·4 respectively.

Ages at Death.

Of the total deaths at all ages registered during the quarter, 826 or $10 \cdot 0$ per cent. were those of infants under one year of age, and 3,459, or $41 \cdot 8$ per cent. were those of persons 65 years and upwards.

Infant Mortality.—The infant mortality was 55 per 1,000 births registered, as compared with 73, 78 and 59 respectively, for the three preceding quarters, and an average of 60 for the third quarters of the ten years preceding (Table I).

For county boroughs and urban districts in the aggregate, the rate was 76, and for all rural districts 43 per 1,000 births (Table III).

Deaths in Public Institutions.

Deaths in Institutions numbered 2,623, or 31.7 per cent. of all deaths registered.

Inquests.

There were 316 inquests or deaths registered on Coroners' Certificates during the quarter, this number being $3\cdot 8$ per cent. of the total deaths registered.

Uncertified Deaths.

The number of deaths in cases where there was no medical attendant during the last illness (not including deaths registered on Coroner's Certificates) was 1,392, or 16·8 per cent. of the total deaths.

Cases of Infectious Diseases Notified.

Table VI gives the number of such cases notified during the quarter in urban and rural districts. The total number amounted to 1,803.

Vaccination.

As returned by the Registrars, the number of successful primary vaccinations during the quarter ended 30th September last was 10,638, or 71·3 per cent. of the births registered during the quarter, the corresponding ratio for the third quarters of the five years 1928-32 being 98·3.

CITY OF DUBLIN.

BIRTHS.

Exclusive of 380 births in institutions relating to residents of other localities, the number of births recorded for the city of Dublin during the quarter under review was 2,854. The annual rate represented thereby was $27 \cdot 2$ per 1,000 of the estinated population, as compared with a rate of $27 \cdot 7$ for the corresponding quarter of 1932. The total births registered (3,234) comprise 1,698 boys and 1,536 girls.

DEATHS.

Omitting 179 deaths registered in the city relating to other localities, but including those of city residents registered elsewhere in Saorstat Eireann, the deaths ascribed to the city of Dublin for the quarter numbered 1,240, equivalent to an annual rate of 11.8 per 1,000 of the

population, as compared with 12·7 for the third quarter of 1932. The total number of deaths registered in the city was 1,375—713 males and 662 females.

For the portion of the city north of the Liffey, the death-rate from all causes was 12·0 as compared with 11·0 for the south side. In the third quarter of 1932 the rate on the north side was 12·5, and on the south, 12·2. The mortality for these portions of the city is derived from figures partially corrected for deaths in institutions, as given in Table V., which shows the mortality for each Registrar's District, by ages and by some of the principal causes, for the quarter (thirteen weeks) ended 30th September, 1933.

Causes of Death.

The following statement shows the number of deaths from some of the principal causes for the third quarter of 1933, as compared with 1932:-

CITY O	F DUBLIN	
CAUSE OF DEATH	Third Quarter, 1933	Thir 1 Quarter, 1932
Typhoid fever	2	4
Typhus ,, Small-pox Measles	:	i i
Measles	3	3
a to at I postition to act	1 8	$\frac{3}{28}$
Whooping-cough	25	15
A Dysentery		
Diarrhoea and enteritis (children under 2	} 74	94
E (children under 2		
Influenza	1	8
Pulmonary tuberculosis Other forms	123 39	134 29

Increases have occurred in deaths from diphtheria and other forms of tuberculosis, and decreases in deaths from the other diseases shown, as compared with the same quarter of last year.

Principal Epidemic Diseases.—The deaths from this group of causes numbered 113, affording an annual rate of 1·1, as compared with 1·4 for the third quarter of the preceding year.

Tuberculosis.—The deaths from all forms of tuberculous disease recorded for the city numbered 162, representing an annual rate of 1.54, as compared with 1.57 for the third quarter of the preceding year.

The mortality from tuberculosis in the north side of the city was 1.45, and in the south,

1.41, the respective rates for the third quarter of 1932 being 1.57 and 1.39.

Of the 162 deaths, 123 were ascribed to pulmonary and 39 to other forms of the disease, the former representing a rate of $1 \cdot 17$ per 1,000, and the latter $0 \cdot 37$ per 1,000.

Ages at Death.
Of the 1,240 deaths relating to the city of Dublin, as registered during the quarter, 277. (or 22.3 per cent.) were those of children under five years of age, and 336 (or 27.1 per cent.) were of persons 65 years of age or upwards, the corresponding percentages in respect of the third quarter of 1932 being 25.5 and 26.3.

The Infant Mortality, based on 214 deaths of infants under one year of age, was 75 per 1,000 births. In the third quarter of 1932 the rate was 86.

Deaths in Public Institutions.

The deaths of Dublin residents occurring in public institutions, as registered during the quarter, numbered 663, or 53.5 per cent. of total deaths.

Cases of Infectious Disease.

The number of cases of infectious disease notified during the quarter, as shown in Table VI, was 471. Table VII gives the number of cases under treatment in Dublin hospitals during the quarter.

METEOROLOGY.

The mean temperature for the fourteen weeks ended 30th September, 1933, deduced from the mean weekly temperature as returned from the Ordnance Survey Office, Phoenix Park, Dublin, was $60\cdot7^{\circ}$, and at Cork (Roche's Point) it was $61\cdot2^{\circ}$; for the thirteen weeks ended 30th September, it was $60\cdot0^{\circ}$ at Peannount Sanatorium; $65\cdot8^{\circ}$ at Greenwich; $60\cdot0^{\circ}$ at Glasgow; and $59\cdot6^{\circ}$ at Edinburgh.

The mean daily number of hours of bright sunshine recorded for the periods stated at Dublin was 5·5; at Cork (Ballinacurra), 6·6; at Peamount Sanatorium, 5·6; at Greenwich, 7·6; at Glasgow, 4·8; and at Edinburgh, 5·4.

The rainfall during the same periods measured at Dublin 3.62 inches; at Cork (Roche's Point), 5.48 inches; at Peamount Sanatorium, 4.27 inches; at Greenwich, 4.53 inches; at Glasgow, 6.69 inches; and at Edinburgh, 7.58 inches.

The following information has been kindly furnished by the Director of the Meteorological Office, London:—

July.

The weather of July was notably warm: mean temperature was everywhere above the normal, the excess varying from 2·1°F. at Ballinacurra to 4·5°F. at Phoenix Park, Dublin. The highest temperatures occurred generally between the 3rd and 5th, maxima above 80°F. being recorded at most stations, while 86°F. was reached at Kilkenny on the 4th. Rainfall was rather variable, aggregates being mainly above the normal in the west and north-west and below normal in the east and south-east. The highest daily readings recorded were 26 mm. at Malin Head on the 24th and 23 mm. at Cahirciveen on the 9th. Local thunder was reported between the 6th and 9th and on the 19th, 27th and 29th. Sunshine totals were generally above the normal in the north and locally inland but below the normal in the southwest. The fine period from the 1st to the 5th gave some notably sunny days: on the 1st, 15·4 hours were recorded at Cahirciveen, on the 3rd, 15·6 hours at Phoenix Park, Dublin, and 15·3 at Seskin, Carrick-on-Suir, on the 4th, 15·4 hours at Seskin, 15·5 at Phoenix Park and 15·2 at Markree Castle. Pressure was abnormally high on the 3rd and 4th. The reading at Malin Head at 1 h. on the 4th, 1037·9 mb. has not been equalled in the British Isles at this season since July 11th, 1911.

August.

The weather of August was exceptionally warm, notably dry in the east and south-east and sunny on the whole except at some places in the extreme north-west. The deviation from the normal mean temperature for the month ranged from +1·3°F, at Blacksod Point to +4·5°F, at Phoenix Park, Dublin. The warmest days occurred generally between the 4th and 6th, when 80°F, was reached or slightly exceeded at many places. Except locally in counties Mayo and Galway rainfall was deficient, notably so in the south-east and east, where individual stations recorded less than 30 per cent. of the normal. At Phoenix Park, Dublin, it was the driest August since records were begun in 1877, apart from the equally dry one of 1913. Rain was widespread on the 27th and the falls were particularly heavy in Co. Mayo, where it caused severe flooding, (76 mm. were registered in the 24 hours at Aasleigh House and 74 mm. at Delphi Lodge). On the whole sunshine aggregates were above the normal, the excess being greatest in the south. At some stations in the north-west there was a deficiency.

September.

The weather of September was exceptionally warm and sunny: it was also dry. Mean temperature was everywhere above the normal, the excess varying roughly from 2°F. to 4°F. The highest maxima occurred during the first week, when readings of 75°F. or above were recorded at many places, while 78°F. was registered at Cork on the 2nd and at Trinity College, Dublin, on the 3rd and 79°F. at Hazelhatch on the 3rd. The coldest nights were experienced generally from the 14th to 16th: temperature in the screen fell to 31°F, at Birr Castle on the 14th and to 32°F. at Markree Castle on the 14th and 15th. Rainfall was everywhere deficient and at some isolated stations less than 30 per cent. of the normal was recorded. The most unsettled spell occurred from the 18th to the 23rd, the heaviest falls of rain being registered for the most part on the 22nd, when 32 mm. were measured at Kilkenny, 30 mm. at Mountmellick and 28 mm. at Mallaranny. Thunder was reported between the 18th and 20th, and was most widespread on the 19th. Sunshine was abundant; at several places the excess above the normal amounted to more than 2 hours a day, and at Malin Head the excess was nearly 3 hours a day. At Valentia Observatory, Cahirciveen, the total, 205 hours, was the largest for September since records were started in 1880. It was also the sunniest September at Malin Head and Ballinacurra since observations were begun in 1914 and 1905, respectively.

* Total for 14 weeks.

ark,	WIND	Mean Force (Beaufort Scale 012)	2.8	2.4	e5 70	4.5	3.0	1.9	1.7	60	4.0	2.0	2.0	1.6	5.0	1.4	2.3
nix P		Number of Days	0	67	7	ତୀ	ଦୀ	67	Н	10	10	ಣ	0	0	10	c1	37
at Phœnix Park,	RAINFALL	lamroM mort nottalved	mm. 12	2	+13	13	1_7	-15	-18	-15	-12	00	-12	6-	9+	9	-113
MENTS	R.	JunomA ledoT	mm.	9	28	-	12	63	-	ಣ	00	1-	0	0	17	7	*56
ar Ere	E	Percentage of Possible	2%	64	21	63	2.2	33	63	33	39	21	52	99	87	24	38
the Meteorological Elements ber, 1933.	BRIGHT	Devistion from Mormal	hrs.	+4.8.	-2.3	-1.3	6.0	+0.8	+4.1	9.0-	+0.4	-1.6	+1.9	+3.6	6.0		+0.5
Mereor 1933.	δΩ	Mean Daily Amount	hrs 4.6	10.7	3.5	80.00	4.2	6.1	9.6	4.9	5.5	2.9	7.0	8.5	35 70	6.7	
of the Imber,	IER	Mean Humldity	22	7.1	81	11	81	85	22	69	22	87	62	22	35	16	7.9
al Values of the 30th September,	HYGROMETER	Mean of Wet Bulb	o.F. 53.9	58.9	26.0	58.5	58.3	9.09	56.3	56.9	54.7	59.0	56.9	51.3	53.4	52.0	26.3
	нхс	Mean of Dry Bulb	o.F.:	64.3	59.5	62.6	61.8	63.8	6.09	62.6	58.4	61.2	60.5	54.8	55.7	24.3	59.8
their Norm eeks ended		Lowest	°F.	20	25	20	49	49	43	47	44	46	46	35	46	40	35
		JahaiH	°F.	81	69	20	2.6	22	81	7.4	18	94	92	7.5	70	99	81
s and the Differences from Dublin, for the Fourteen W	TEMPERATURE	Deviation from Normal	*F.	+6.4	+2.5	9.7+	+5.1	+6.5	+3.4.	+4.3	+1.8	+7.5	4.5.0	+1.0	+3.5	+2.5	1.1
he Diffe for the	rempei	Mean of A. & B.	°F.	64.3	2.09	63.5	63,5	64.8	61.7	62.0	59.1	63.5	61.1	55.3	57.1	54.5	60.7
and tl Dublin,	-	.a muminiM	°F. 51.6	53.9	54.3	55.6	55.6	56.3	20.09	52.4	49.4	56.4	51.9	6.81	7.67	47.0	52.1
Value		.A mumixeM	°F.	74-7	0.79	71.4	71.4	73.3	72.6	71.6	2.89	9.02	70.3	66.7	64.6	62.0	69.4
Weekly	RSURE	Deviation from Yormal	mb. +5·7	+8.3	0.6-	4.3	+3.5	+0.3	+7.3	2.7	-2.0	+5.3	+11:3	0.8+	0.6—	44.5	+3.1
TABLE A.—Showing the Mean W	AIR	Value reduced to Mean Sea	mb. 1020·7	1023.0	1005.4	1018.5	2.7101	1023.1	1020.9	0.6001	1011.8	1019.4	1025.7	1022.8	7.0001	1018.5	1017.3
ng th			:	:	:	:	:	:	•	:	:	:	**************************************	:	:	:	:
-Showi		Week Ended	1933														
. A		VEEK	1st, 1933	8th	15th	22nd	29th	5th	12th	19th	26th	2nd	9th	16¢h	23rd	30th	MEANS
TABLE			July	÷	, 1	,,	2 66	Aug.	33 I		66	Sept.	n	E .			MI
,																	

TABLE B.—Showing the Mean Weekly Values and the differences from their Normal Values of the Meteorological Elements at Roche's Point, Co. Cork, for the Fourteen Weeks ended 30th September, 1933.

				3	Co. cork, for the rourseen	r the r	ourreen		Weeks ended	outn september, 1933	dmende	er, 1933							
		PRESST	SURE		-	TEMPERATURE	ATURE			HYG.	HYGROMETER	ER	su	BRIGHT SUNSHINE*	*	ä	RAINFALL	Ţ	WIND
Week Ended		Asilue reduced to Mean Sea	IsmroN mort noitsived	Maximum A.	Ainimum B.	Mean of A. & B.	lemiok mort notteived	tsəAgiH	Lowest	Mean of Dry Bulb	Mean of Wet Bulb	Mean Humidity	Mean Daily Amount	Jamroli mort noitsived	Percentage of Possible	• 3nuomA le3oT	IsmroV mort nottsived	Number of Days	Mean Force (Beaufort Scale 0-12)
July 1st, 1933	•	mb. 1017.8	mb.	F. 29	ार 52.3	°F. 59.9	-1-3	23.52	°F.	8.09	oF 56.4	74	hrs.	hrs. +2.3	200	mm o	mm —15	0	5.0
., 8th	:	1021.5	Augusta	6.09	58.3	83.8	+4.0	75	55	64.3	61.1	c₁ ⊗	. s	+5.3	51	16	+	ආ	2.5
7	:	1007.8	1	64.4	55.3	59.9	6.0+	99	55	60.5	57.4	85	5.1	-1.0	31	34	+18	9	3.3
,, 22nd	:	1018.3	. 1	6.99	55.9	61.4	+1.7	69	52	0.59	59.1	. 600	61	Ī	26	00	. 4	ဇာ	2.4
,, 29th	:	1017.9	1	66.4	58.1	62.3	+2.9	69	55.	6.19	59.2	85	5.9	40.7	200	10	-12	4	5.0
Aug. 5th		1024.1	1	68.1	55.9	0.79	+2.3	73	55.5	62.7	0.09	.c.	7.7	15.5	50	10	-14	-	5.6
,, 12th	:	1020.2	-	0.69	6-99	65.0	+3.3	65	51	63.5	59.3	1,1	1-	4.5.4	51		-20		61
,, 19th	:	1011.0	1	67.1	56.4	61.7	+2.5	89	52	0.89	8.82	:-	6.2	+1.0	43	œ	13	4	3.1
,, 26th	:	1012.7	1	65.0	54.9	59.9	6.0	89	50	2:09	57.8	***	2.5	6.0+	40	6.	-16	ငာ	2.6
Sept. 2nd	:	7.6101	1	67.3	55.0	61.6	+ co rc	74	20	62.6	59.3	81	4.4	+0.1	35	16	20	1	2.4
,, 9th	:	1023.5	1	2.69 -	57.9	63.8	1.9+	22	55	63.6	60.1	81	1.6	+4.3	89	0.5	-17	-	3.0
,, 16th	:	1021.6	1	0.29	52.1	59.5	+2.6	69	44	61.2	2.99	74	1.0	+1.6	56	-	-13		63 00
,, 23rd	:	1005.5	1	6.79	54.6	2.69	+3.5	29	48	59.4	26.3	81	6.5	+1.8	20	31	+14	9	63
" 30th		1016.7		04.0	53.6	58.8	+3.2	99	90	20.02	0.99	7.9	S C.	+3.0	40	0	-20	0	5.6
MEANS		1017.0	1	6.99	55.6	61.2	+2.9	22	44	61.8	58.4	08	9.9	+1.4	45	139.24	-117	34	80.01
	* The	* The sunshine va		taken from	m the rec	ord main	tained at	Ballina	thes are taken from the record maintained at Ballinacurra, eight miles N.N.E. of Roche's Point	ht miles I	N.N.E. O.	f Roche's	Point.	† Tota	† Total for 14 weeks	weeks.			

Table I.—Marriages Births and Deaths registered in Saorstát Éireann, in the years 1923 to 1933, by quarters.

				Num	BERS			RA	TES	
YEAR A	ND QUAR	TER	Marriages	Births	DE	ATHS		1,000 of I ed Popula		Deaths under
				Dittils	All ages	Under one year	Marriages	Births	Deaths	one year per 1,000 Births
·	Average	1923-27	14,252	61,678	43,293	4,332	4 · 8	20 · 7	14.5	70
Year		1928 1929 1930 1931 1932	13,716 13,593 13,631 13,133 13,029	59,176 58,280 58,353 57,086 56,240	41,792 42,991 41,702 42,947 42,984	4,016 4,102 3,965 3,935 4,060	4·7 4·6 4·6 4·4 4·4	20·1 19·8 19·8 19·3 18·9	14·2 14·6 14·2 14·5 14·5	68 70 68 69 71
ļ	Average	1923-32	13,836	59,753	42,888	4,174	4.7	20 · 1	14 - 4	70
(Average	1923-27	4,050	15,230	12,866	1,249	5.4	20 · 4	17 · 2	82
First Quarter		1928 1929 1930 1931 1932	3,748 3,342 3,964 3,518 3,161	14,593 14,151 14,481 14,304 13,585	12,578 13,960 12,666 13,686 13,193	1,213 1,266 1,165 1,288 1,092	5·1 4·5 5·4 4·8 4·3	19·8 19·2 19·7 19·3 18·3	17·1 19·0 17·2 18·5 17·7	83 89 80 90 79
1	Average	1923-32	3,798	14,727	13,041	1,227	5 · 1	19.8	17 · 6	83
(Average	1923-27	3,450	16,264	11,550	1,073	4.6	21 · 8	15.5	66
Second { Quarter		1928 1929 1930 1931 1932	3,251 3,383 3,077 3,128 3,160	15,840 15,345 15,305 15,142 14,804	11,062 10,895 10,751 11,293 11,267	985 1,014 1,038 1,045 1,084	4·4 4·6 4·2 4·2 4·2	21·5 20·8 20·8 20·5 19·9	15·0 14·8 14·6 15·3 15·1	62 66 68 69 73
1	Average	1923-32	3,325	15,776	11,302	1,053	4-5	21 · 2	15 · 2	67
(Average	1923-27	3,634	15,770	8,827	995	4.9	21 · 1	11 · 8	63
Third { Quarter		1928 1929 1930 1931 1932	3,557 3,720 3,489 3,579 3,509	14,868 14,993 14,862 14,410 14,800	8,561 8,524 8,435 8,364 8,895	844 885 777 714 914	4·8 5·1 4·7 4·8 4·7	20 · 2 20 · 4 20 · 2 19 · 5 19 · 9	11.6 11.6 11.5 11.3 11.9	57 59 52 50 61
	Average	1923-32	3,603	15,278	8,692	911	4.8	20 · 6	11 · 7	60
{	Average	1923-27	3,118	14,414	10,050	1,015	4.2	19 · 3	13 · 5	70
Fourth { Quarter		1928 1929 1930 1931 1932	3,160 3,148 3,101 2,908 3,199	13,875 13,791 13,705 13,230 13,051	9,591 9,612 9,850 9,604 9,629	974 937 985 888 970	4·3 4·3 4·2 3·9 4·3	18·8 18·7 18·6 17·9 17·5	13·0 13·1 13·4 13·0 12·9	70 68 72 67 73
	Average	1923-32	3,110	13,972	9,853	983	4 · 2	18 · 8	13 · 3	70
1st Q 2nd 3rd 4th	narter, 193	3	3,611 3,449 3,553	13.739 14,994 14,923	12,922 9,731 8,267	1,067 892 826	4.8 4.6 4.8	18·4 20.0 20.0	17·3 13.0 11.1	78 59 55

TABLE II.—Deaths from some of the principal causes registered in Saorstát Éireann during each of the years 1928-33 by quarterly periods, with the rates represented thereby.

	1			0.0000000000000000000000000000000000000	13	1183121	1 1	1570		119000		1 4004		388
	T. 63	Births	Other Puerperal	9999999	è	0000		60 61 60		010101	1	၀၁ ၀၁ ၀၁		4 57 51
	Per	1.000	Puerperal Sepsis	1.74 1.39 1.16 1.39	1.42	1.10 0.98 1.47		1.60.1		1.25		1.06		42.5
TES			Cancer	1.08	1.10	1.11	Ame Ame GGs	1.05	1.07	1.03 0.97 1.03 1.10	1.05	1.13 1.15 1.10 1.00 1.00	1.13	1.07 0.98 1.03
DEATH-RATES	Donnlation	TOTOPINOT	Pulmonary	1.08 1.02 1.01 1.03 0.96	1.02	1.20	1 -16	1.22 1.16 1.23 0.98	101	1.00 0.88 0.91 0.89	0 .91	0.850	0.85	0.038 0.038 0.038
DE/			Pulmonary Percentages	1.37	1.31	11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 - 47	1.54	1.43	42	1.18	1.16 1.14 1.09 1.08 0.99	1.09	1.28
	Par 1 000	1,00	EzuənyuI	0.23 0.23 0.50 0.56	0.42	0.45 0.33 0.33 1.16	0.84	0.43 0.67 0.67 0.67	0.55	0.11 0.12 0.13 0.18	0.13	0.18 0.13 0.20	0.17	0.51
	D		Principal Epi- demic Diseases	0.53 0.53 0.51 0.51	0.53	0.00 4.00 5.00 5.00 5.00 5.00 5.00 5.00	0.61	00000 0000 0000 0000 0000 0000 0000 0000	0 - 50	0.548 0.545 0.422 0.61	0.49	0.54 0.54 0.49 0.54	0.53	0.38
		I	Other Puerpers	189 159 197 178	100	1 1 2 6 4 12 1		1 1-22		14480		1 475.73		554 44 44
		S	Puerperal Sepsi	103 80 81 81 66 78	82	116		1222		8200		16		148
			Cancer	3,190 3,116 3,329 3,294 3,312	3,248	\$17 7.88 8.87 8.87 8.84 8.84	846	778 770 820 789 799	791	763 711 813 760 819	773	8817 809 891 891 810	833	791 731 731
		ulosis	Pulmonary	3,189 2,999 2,964 2,858 2,858	3,012	888 8848 8648 8674 8677	854	8853 8853 912 732	022	739 645 669 655 672	676	668 652 629 629 587	632	731 740 612
		Tuberculosis	All Forms	4,047 3,825 3,902 3,676	3,865	1,147 1,060 1,068 1,074 1,091	1,088	1,134 1,102 1,083 1,189 1,189	1,096	912 873 868 842 876	874	8574 840 806 797 738	807	920 940 733
		-	rzuənyuŢ	858 1,659 614 1,472 1,655	1,251	331 921 762 762 862	624	314 495 202 497 506	493	105 71 73 135	95	130 138 130 152	129	1,107
M(ToTa	1,630 1,561 1,505 1,518 1,693	1,581	517 397 413 492 430	450	403 385 335 407	372	357 399 313 451	367	353 444 360 400 400 400	392	418 287 407
HS FROM	- 1	=	Diarrhoea and Enteritis (under 2 years)	560 559 492 533 581	547	112 107 126 141 106	50	94 97 103 108 116	104	186 189 127 142 218	173	177 166 136 142 141	152	105 83 210
DEATHS		- is	Dysentery .	∞0014€	ro	· [~ [] · []	CA	co 01 · · ·	- quan	H 00 -	-	4	-	
	00000	Diseases	sirəhtdqiQ	304 386 386 317 383	323	81 93 100 115	9.0	25. 20. 86. 82. 82. 82.	70	128 177 600 47	09	58 120 102 112	100	125 70 91
		0	Whooping-coug	27.9 39.8 35.2 13.9 29.4	291	106 125 125 46 61	83	98 100 101 101	00 103	88888	69	2000 2000 2000 2000 2000 2000 2000 200	24	755
		. 1	Searlet Fever	79 62 62 441 74 92	69	61-1-6261	21	222	20	1285	13	1080108	17	13 13 13
Charles		Principal	Measles	369 158 158 372 250	258	188 40 40 184 105	110	110 48 48 21 108 70	72	820 820 830 830	28	31 33 50 40 40	48	67 36 4
		P	xod-llam2		1.		1.		1.					
			znyd& <u>T</u>	2. 4.ii.	7	1-4 0	-	0001004 •	61	M-1-100	61	44	8	• المنا منا
			Typhoid Fever	488 488 688 70 70 70 70 70 70	87	8001 H H H S S S S S S S S S S S S S S S S	21	12 12 13 13 13	123	26 16 16 16 16 22 22	121	10 20 10 10 34 34	21	120
			TER	1: ::	:	:::::	-32	:::::	-32	:::::	-32	:::::	-32	:::
6000			QUAR	228 30 31 31	64	860-8	Qr., 1928-32	86018	., 1928-	86018	., 1928	86018	., 1928	1st Quarter, 1933
			AND	1928 1929 1930 1931 1932	1928-3	1928 1929 1930 1931	ist or.	1928 1929 1930 1931 1932	nd Or.	1928 1929 1930 1931 1932	3rd Or	1928 1929 1930 1931 1932	ath Or	t Quar
			YEAR AND QUARTER		Average, 1928-32	irst Quarter	Average, 1st	Second	Average, 2nd Qr., 1928-32	hird Quarter	Average, 3rd Qr., 1928-32	Fourth Quarter	Average, 4th Qr., 1928-32	Ist Snc
			54	Vear	Ave	First Quai	Ave	Seco	AVE	Third Quar	Ave	Four	Ave	

MORTALITY BY COUNTIES, &c.

Table III.—Showing for Counties, etc., the Death-rates from all Causes, and from some of the Principal Causes, per 1,000 of the population; with the mortality per 1,000 births represented by deaths of infants and deaths from puerperal conditions, during the quarter ended 30th September, 1933.

(See Note on Second Page).

(See Note on Second Page).													
			RATES P		.5"	Deaths	DEAT		M PUERP	ERAL			
Counties and County Boroughs by Provinces			Tuber	culosis		Infants under one	Tot	al	Puerr	peral sis			
with Urban and Rural Groupings	All	Prin- cipal Epide- mic Diseases*	All Forms	Pul- monary	Influ- enza	year per 1,000 Births ‡	Number	Rate per 1,000 Births ‡	Number	Rate per 1,000 Births ‡			
SAORSTÁT ÉIREANN†	11-1	0.5	1.0	0.8	0.1	55	62	4.2	18	1 · 2			
Carlow County Dublin City of Dublin† Kildare County Kilkenny Laoighis Longford Meath Meath Westmeath Wexford Wicklow "	14.3 10.9 11.8 10.9 12.5 10.9 8.9 10.7 12.6 10.6 10.8 10.8	0.7 0.4 1.1 0.6 0.5 0.2 0.1 0.4 0.4 0.4 0.6	1.5 1.1 1.5 0.8 1.1 1.0 0.9 1.7 0.9 1.4 1.0 0.9 1.3	1.3 0.9 1.2 0.8 1.0 0.5 0.5 0.5 1.4 1.0 0.6 0.7	0.1 0.0 0.1 0.6 0.1 0.1 0.1	67 61 75 63 63 52 34 38 33 31 28 57 42	1 .7. .2.23 .2.21 .3.21	6.1 2.5 6.3 9.4 17.1 8.2 7.7 4.0 6.6	5 1 1	1·8 3·2 5·7 4·1			
LEINSTER	11.6	0.7	1.3	1.0	0.1	59	25	3.8	8	1.2			
Clare County	9.4 11.2 14.0 9.8 10.5 15.0 11.3 11.4 10.4	0.1 0.3 1.7 0.3 0.9 1.9 0.2 0.2 0.7 0.9	1.0 1.2 1.9 0.7 0.6 1.2 1.0 1.1 0.6 1.1	0.8 0.9 1.6 0.5 0.3 1.2 0.8 0.9 0.5 0.6	0.1 0.0 0.2 0.2 0.1 0.4 0.1	28 49 120 35 98 117 35 42 77 80	22 8 4 1 3 1	5.2 1.5 6.8 5.9 2.0 3.6	2	2.9			
Munster	11.1	0.6	1.0	0.8	0,1	62	17	3.6	4	0.9			
Galway County Leitrim ,, Mayo ,, Roscommon ,, Sligo ,,	10.4 11.9 10.3 10.5 10.5	0.5 0.6 0.3 0.3 0.8	0.8 1.2 0.8 0.8 0.8	0.7 1.1 0.6 0.7 0.6	0.1 0.1 0.1 0.4 0.2	51 45 32 36 42	4 2 2 2 2	4.6 10·0 2.6 6.0 6·4	3	3.4			
Connaught	10.5	0.5	0.8	0.7	0.2	42	12	4.8	3	1.2			
Cavan County Donegal ,, Monaghan ,,	10.7 10.7 9.6	0.3 0.3 0.4	0.6 0.7 0.5	0.5 1.6 0.4	0.1 0.5 0.4	45 37 41	3 3 2	9.6 4.5 8.3	1 1 1	3·2 1.5 4.1			
ULSTER (part of)	10.4	0.3	0.6	0.5	0.4	40	8	6.5	3	2.5			
Twelve Principal Towns Urban Districts under 10,000 Population Aggregate Co. Boroughs and Urban Districts Aggregate Rural Districts	17.3 11.2 12.0 10.6	1.2 0.5 1.0 0.3	1.4 1.3 1.4 0.9	1.1 1.0 1.1 0.7	0.9 0.1 0.0 0.2	80 59 76 43	14 5 19 43	3.1 4.3 3.4 4.6	7 1 8 10	1.6			
		}				The same of the sa]	1			

^{*}Typhoid fever, typhus, small-pox, measles, scarlet fever, whooping-cough, diphtheria, dysentery and diarrhoad diseases.

[†] The rates for Saorstát Éireann and the City of Dublin are calculated on the estimated population in the middle of 1933; those for the other areas on the population according to the Census of 1926.

[†] The rates for the administrative counties of Dublin, Cork, Limerick and Waterford are based on the births registered therein plus a proportion (derived from the record of transfers during 1930-1932) of the births registered in the respective county boroughs relating to other localities.

URBAN DISTRICTS.

TABLE IV.—BLUES DEATHS registered during the Quarter ended 30th September, 1933, relating to Urban Districts (including County Boroughs), and the number of this from some of the principal causes (see Note on second page); also particulars of BIRTHS and DEATHS (exclusive of those occurring in public Institutions belonging

		I	No. Uncertified	1392	1328	64	30	C311-4-61 . HH (0)	\$3	
		-ng	In Public Insti	2623	1387	1236	1014	6663 1256113 11256113 11256113	252	00000000000000000000000000000000000000
			Inquest Cases†	316	188	158	101	STOURD HER HER	51	. H . HEOMH . 4.
Ì	WANTED I BOX	100777000,000	Violence	7.7	177	97	02	וישימו-מטוחש . ישנו	61	mm mom o
			Cancer	774	5111	263	7007	2010 2010 2010 2010 2010 2010 2010 2010	63	one one of one
		losis	Other Forms	171	102	69	53	≈ aro	16	
		Tuberculosis	Pulmonary	612	367	245	195	다. 이 00 00 40 10 4 4 10 10 4 4 10 1 -	20	800H0H4H ··H ·
		H	Influenza	9.5	83	0	67	m. m	1~	H
	by		Diarrhæa & Idn- teritis (children under 2 years)	210	25	158	143	್ಲ್ ಎಟ್ ಇ.ಸು.ಪಿ.ಪಿ.ಪಿ.ಟಿ.ಟಿ. ಬ	15	• • • • • • • • • • • •
THS		es	Dysentery			. [
DEATHS	Caused	Diseases	sirədədqiQ	9.1	55	36	33	63 . LTD . L	೯	
		mic D	-gniqoonW dgnoo	67	46	21	12	ω	6	·
	The same of the sa	Epidemic	Scarlet Fever	13	00	10	행	m . m . m		
			Measles	4	-	60	30	o		
		Principal	xoq-liam2							
			Typhus	7,4						
			Typhoid Fever	21	19	61	C1	31	•	
		-đn	bas sirsy 59 th spirw	3,459	2,658	803	909	88 88 98 98 98 98 98 98 98 98 98 98 98 9	197	- ଉ⊸ ଲ ଲ କ ଏ ।ଡାଗ ଗ ମ ମ ମ
		og V	Under 1 year of	826	007	426	358	11 12 12 12 13 14 15 15 15 15 15 15 15 15 15 15 15 15 15	89	·30 (10) · 6] H · H 07 H 6
			Total Xumber	8,267	5,587	2,680	2,100	1,2,1 10,7 10,7 10,7 11,4 11,4 11,4 11,4 11,4 11,4 11,4 11	580	54.00 F4845445
вівтня			Total Number	14,923	9,304	5,619	4,166	00-401-1 00-401-1 0004-1-000000-1-000 400-0000000000	1,153	1000-1000 01-000-1000 01-000-1000
Te-	HS		From principal Epidemic Disca	0.5	0.3	1.0	1.5	-00-00H	0.5	901 909 909
Annual Rate per 1,000 persons represented by	DEATHS	8	From all Causes	11.11	10.6	12.	12.3	121 121 121 121 121 121 121 121 131 131	11.9	42800011278 21 42800011378 20 287401 877 899
pers			витяла	20.0	17.7	25.2	26.1	21-31919282-0191928 	22.3	19191819191814 740-87000888
S TO SI	9	Per-	sons to an	0.2	0.1	8.4	15.7	22 24 11 2 2 2 2 1 1 1 2 2 2 2 2 2 2 2 2	3.4	8468485 88464848664
CENSUS STATISTICS OF DISTRICTS	IN 1926		Popula- tion	2,971,992	2.095.141	876.851	669,830	405,300 35,111 78,440 78,440 78,446 11,227 11,2716 11,437 110,046	207,021	8,4 7,8 88 87,9 74,1 4
CENSUS STATUSTICS OF DISTRACTS		PROVINCES	AND URBAN DISTRICTS	AORSTÁT ÉIREANN*	otal Rural Districts	.,	Potal 12 Principal Towns	Dublin City* Dun Laoghaire Boro'* Cork Co. Borough Limerick Waterford Galway Urban District Dundalk Wexford Wexford "" Tralee Kilkenny ""	Total Urban Districts under 10,000 Population	LEINSTER An Unimh Arklow Arkhone Athone Bry Bry Cearlow Cearlow Enniscorthy Howth

	The wind Deweits in Crown Distric	, , ,	1 nora Quarter, 1	900.
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15.1 11.2 6.0 15.9	00000000000000000000000000000000000000	01 0.08 7.08 0.08	100 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	11.2
17.4 30.2 34.9 25.1	0.444.2028.1938.1931.2044.204.106.1931.00.194.20.00.106.196.196.196.196.196.196.196.196.196.19	28.7 16.0 228.1 21.8	22 22 22 22 22 22 22 22 22 22 22 22 22	19.8
0.01 8.034 8.04.00	9309952252999999999999999999999999999999	6.14.1 6.4.7.1	್ಷಾಗ್ರಹಿಕ್ಕಾಗಿ ಕ್ರಾಂಡ್ ಕ್ರಾರ್ಡ ಕ್ರಾಂಡ್ ಕ್ರಾಂಡ್ ಕ್ರಾಂಡ್ ಕ್ರಾಂಡ್ ಕ್ರಾಂಡ್ ಕ್ರಾರ್ಡ ಕ್ರಾಂಡ್ ಕ್ರಾರ್ಡ ಕ್ರಾರ್ಡ ಕ್ರಾರ್ಡ ಕ್ರಾರ್ಡ ಕ್ರಾರ್ಡ ಕ್ರಾರ್ಡ ಕ್ರಾರ್ಡ ಕ್ರಾರ್ಡ ಕ್ರಾರ	288.1
3,442 5,011 1,325 3,025	4 old optick a rick old optick 4 old optick	4,873 5,245 3,486		1
ಬ್ರಿಗ್ರ⊸ಕ್ಕಬ್ರ	क्षश्चे हुन्छ ए क्षण कुण था था ने शुक्र कुण कुल है। कुण था कुल कुण	কুণ্ড কুঞ্ জুজাগুৰ	- ole ele ole ole ole ole ole ole ole ole	415,151
<u> </u>		::::		
Naas New Rosa Trim Tullamore Wicklow	II. MUNSTER. Caerick-on-Sulr Cashel Clomality Clomality Clomality Clomality Clomality Colomic	III. CONNAUGHT. Ballina Ballinasloe Castlebar Westport	IV. UESTER (part of) Belturbet Buncrana Bundoran Carrickmacross Cartickmacross Cartickmacross Cavan Clones Cootehill Letterkenry Monaghan	Belfast City † Londonderry City‡

• The rates for Saorstát Éireann, the City of Dublin and the Borough of Dun Laoghaire are calculated on the estimated populations in the middle of 1933.

‡ The information given for Belfastand Londonderry relates to the thirteen weeks ended 30th September, 1933. The birth and death-rates are based on the Census population of 1926; the epidemic rate includes influenza.

Number of Uncerti-fied Deaths . . .94 . 94 m TABLE V-Showing for the Quarter (13 weeks) ended 30th September, 1933, the mortality from All Causes and from some of the Principal Causes of residents of the several -Correction is made for Deaths of DUBLIN and CORK CITY residents occurring In Public Institutions 2380 44 4211001128 421001128 53 63 51 155 75 22 59 59 Inquest Cases † Other Causes 36 45 45 45 0313 30 63 22 66 45 See Note on second page Violence 431 DISTRICTS in the CITIES OF DUBLIN AND CORK,* also the Deaths at certain age periods, and the number of Uncertified Deaths. 120 တယ္တယ Diseases of Respiratory System Other . 23 4531 9000 9-1-9 Pneumonia 4500 Sau 40100 <u>කෙ</u> ලා ලා 3: This Table is a summary of the Weekly Returns and is not comparable with the figures shown in TABLE IV.—Correction is made for Deaths of DUB, institutions situated within their boundaries, as well as in institutions steaded in adjacent rural areas and in other towns of 10,000 inhabitants or upwards. Cancer Other Forms 011040 ÷1 9 ့က DEATHS FROM Pulmonary 14701 01 -010004 5T 4-001000 rzuənyuz 0220 Districted and Enterities Epidemic Diseases Diphtheria ユキジジ 00 Whooping-cough 0.1 Scarlet Fever Principal Measles Typhoid Fever, Typhus Small-pox Dysentery . B . E 0.1 නි පාප ටි ස හැය ebaswqu bas 39 15 10 14 2 35 .4828 23 23 23 23 23 41 40000000 69 rebam bas 64 00000 . 884 53 1~01 F4 F2 ちょりゅうちゅ 40 25 and under 45 46 28223 54 AGES AT DEATH 15 and under 25 41/200 4.01 10-. တက 900 199gl toban bas d e OI FOR SH 30 g redan bas 2 OI 🛧 9 es - 25 -0.1 000000 I and under 2 .1.0 80 8 51 51 80 80 51 51 13 23 - 25 - 25 Under I year 27 57 423882488 040010108 927 TOTAL DEATHS 00000 EPI-DEMIC EASES 0110 0.1 FROM PRIN-TPAL persons admitted from localities blin (not included in above) 800 Si OF MORTALITY LIVING REP-PER 1,000 ANNUAL CAUSES 21-0-7:314:31 2004475-75 2001007-7-80 419.800 12,837 11,208 10,971 8,642 5,613 12,005 17,214 LATION 20,800 12,300 ESTI-35,900 43,700 27,000 33,900 37,200 14,600 46,100 34,200 POPU-1,900 blin (not No. 1, part of, Coolock & Drumcondra, 1& 2 ptof. Finglas and Glasnevin, Nos. 1 & 2, part of Illanchardstown and Castleknock, REGISTRARS' DISTRICTS. CITY OF DUBLIN Deaths in Institutions of outside the City of Du Donnybrook, Nos. 1 and REGISTRARS' Rathfarnham, part of Clontarf & Howth, Clondalkin, part of NO. 22 NO. 22 NO. 34 NO. 4 Kilmainham Crumlin, part of Cork Urban part of FOTAL South City North City New

CASES OF INFECTIOUS DISEASES.

Table VI.—Summary of Cases of Infectious Disease notified to the Department of Local Government and Public Health in respect of Saorstat Éireann for the Quarter ended 30th September, 1933.

The letters in the last column denote the following diseases:—A. Acute anterior poliomyelitis. B. Cerebrospinal meningitis. C. Continued fever. D. Encephalitis lethargica. E. Erysipelas. F. Ill-defined fever. G. Membranous croup. H. Meningitis. J. Ophthalmia neonatorum.

COUNTY BOROUGHS.

County		Typhus	Typhoid	Diph-	Scarlet	Puer- peral	Pneum	onia	Other Diseases
Boroughs		in process	1 3 1/11010	theria	Fever	Sepsis	Primary	Influ- enzal	Other Diseases
Clarita				THE RESERVE TO SERVE THE RESERVE					Personal Manager Land And Annual Manager Manager Manager Manager Application Application (Manager Manager Mana
Cork	***,			23	34		1		E. 6.
Dublin	•••		22	258	128	2	37		B. 1. D. 1, E. 22.
Limerick			1	98	101	. 1	8	1	C. 2, E. 1.
Waterford.			, .	6 ,	12	, 1			
TOTALS			23	385	275	4	46	1	1 B., 2 C., 1 D., 29 E.

URBAN DISTRICTS.

County		Urban' District		Ty- phus	Ty- phoid	Diph- theria	Scarlet Fever	Puer- peral Sepsis	Pneur Pri- mary	nonia Influ- enzal	Other Diseases
Carlow		Carlow				9	7	. ,		1	
Cavan	•••	Cavan Cootehill				1	3 15				
Clare	•••	Ennis	•••		2	3					
Cork	•…	Kinsale Mallow Youghal	•••			1	1 1	1			
Donegal	•••	Buncrana Bundoran				5 1					

TABLE VI. contd.—URBAN DISTRICTS.

County		Urban	Ty-	Ty-	Dinh	Scarlet	Puer- peral	Pneui	nonia	Other Diseases
Country		District	phus	phoid	theria	Fever	Sepsis	Pri- mary	Influ- enzal	Outer Diseases
Dublin	* * *	Dun Laoghaire Howth			2	10 -				E. 3.
Galway	` 25.	Ballinasloe Galway		1 2	25	3				E. 2.
K.erry	•••	Killarney Listowel		1	3	.3				
Kildare		Naas			6		٠,	1		
Kilkenny	•••	Kilkenny			4	4				
Longford	•••	Longford Granard		1 1	1	1 3	11			
Louth		Drogheda Dundalk			2 2	2 2				
Mayo		Ballina			3	3				
Monaghan	•••	Carrickmacross Clones Monaghan		1	2	1 3	2		National Control of the Control of t	
Offaly		Tullamore			2	2				
Sligo	***	Sligo			11	2				
Tipperary (S	.R.)	Cashel Clonmel Tipperary		,	1 3 1	4 16		The state of the s		
Wexford	•••	Enniscorthy Wexford			1	1		1		
Wieklow	***	Bray Wicklow				4 1				
		TOTALS		9	91	93	4	2	1	5 E.

RURAL DISTRICTS.

County	Rural District	Ty- phus	Ty- phus phoid Diph- theria		Scarlet Puer- peral Fever Sepsis				Other Diseases
Carlow	Baltinglass No. 2 Carlow	:		3	6				
Cavan	Bailieborough Castlerahan Cavan Mullaghoran			5 2 3 4	6		1		

TABLE VI. contd.—RURAL DISTRICTS.

							Puer-	Pneur	nonia	
County		Rural District	Ty- phus	Ty- phoid	Diph- theria	Scarlet Fever	peral Sepsis	Pri- mary	Influ- enzal	Other Diseases
Clare	•••	Corrofin Ennis Limerick No. 2 Scariff			de de la constante de la const	1 5 5 1			_	
Cork	•••	Bandon Bantry Castlefown Charleville Clonakilty Cork Dunmanway Fermoy Kanturk Kinsale Mallow Midleton Millstreet Mitchelstown No. 1 Skibbereen		2 5	1 2 1 3 1	15 1 1 9 1 8 3	.1	1		E. 1.
Donegal	***	Donegal Dunfanaghy Glenties Inishowen Letterkenny Milford Stranorlar		6 1 1 1	10 8 2 2	3 3 12 5 4				
Dublin	•••	Balrothery Celbridge No. 2 Dublin North Dublin South Rathdown No. 1		1 2	5 2 4 4 11	7 4 1 11 5	*	1 1 2	3	E.1.
Galway		Ballinasloe No. 1 Clifden Galway Glenamaddy Gort Loughrea Mountbellew Oughterard Portumna		1 2	1 11 7 5 3 8 2 6	1 4 1 2 10	2 1	1		E. 1. E. 1. E. 1.
Kerry		Cahirciveen Dingle Killarney Listowel Tralee		3 1 11 1	4	3 1 5 2				
Kildare		Celbridge No. 1 Naas No. 1		1	1 5	6				A. 1.
Kilkenny		Callan Thomastown Waterford No. 2			5 3	3				
Laoighis		Abbeyleix Mountmellick			2 10	5				
Leitrim		Manorhamilton		1	3					

TABLE VI contd.—RURAL DISTRICTS—contd.

County		Rural	Ty-	Ty-	Diph-		Puer- peral Sepsis	Pneur Pri-	nonia Influ-	Other Diseases
Name and add that for another products concerns		District	phus	phoid	theria	Fever		mary	enzal	
Limerick	***	Croom Kilmallock Limerick No. 1 Newcastle Rathkeale Tipperary No. 2		5	1 16 9	8 23 4 7 11	- 1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1	1	1	
Longford		Granard No. 1 Longford	,		7	2 2				
Louth		Ardee No. 1 Dundalk Louth		*	1 2 3	1 2				
Мауо .	• • •	Ballina Ballinrobe Belmullet Castlebar Claremorris Swinford Westport		9	8 2 3 9	5 - 1 - 5 - 1 11	,	2		E. 1.
Meath		AnUaimh Dunshaughlin Meath Trim		The state of the s	4	1 8 2				
Monaghan		Carrickmacross Castleblayney Clones No. 1 Monaghan		1 2	1 1 1 7	2 4 7		3		A. 3.
Offaly	•••	Birr Tullamore			1 2	1	1			
Roscommon	•••	Athlone No. 2 Boyle No. 1 Carrick-on- Shannon No. 2 Castlerea Roscommon		1 1 1	1 15 7 16	2			1	A. 1., D. 1., E. 2.
Sligo	•••	Dromore West Sligo			ð	1				
Tipperary (N.	.R.)	Borrisokane Thurles			1 1	2 2				
Tipperary (S.		Cashel Clogheen Clonmel No. 1 Slieveardagh Tipperary No. 1		3 1	13 2	8 21 15 2				
Waterford		Kilmacthomas Lismore Youghal No. 2	1		2	1				

TABLE VI contd.—RURAL DISTRICTS—contd.

County	Rural	Ty-	Tv-	Diph-	Scarlet	Puer-	Pneur	nonia	Other Diseases
Sim to be servery property with this belongs to bild the servery	District	phus	phoid	theria	Fever	Sepsis	Pri- mary	Influ- enzal	Other Diseases
Westmeath	Athlone No. 1 Coole Mullingar		1 7	1 6	26	1			E. 2.
Wexford	Enniscorthy Wexford		. 1	3			1 1		
Wicklow	Baltinglass No. 1 Rathdown No. 2 Rathdrum		-1	1	2			2	E.1.
	Shillelagh		1	1	1	1			E. 1.
	TOTALS	1	86	320	369	11	19	7	5 A., 1 D., 12 E.
TOTALS:-									
County Borou	ighs		23	385	275	4	46	1.	1 B., 2 C., 1 D., 29 E
Urban Distric	ts		9	91	93	4	2	1	5 E.
Rural District	S,	1	86	320	369	11	19	7	5A., 1 D., 12 E.
Total for all	Districts	1	118	796	737	19	67	9	5A., 1B., 2C., 2D., 46E

Table VII.—Showing the Number of Cases of the undermentioned Diseases treated in Dublin Hospitals during the Quarter (13 weeks) ENDED SATURDAY, 30th September, 1933.

DISEA	SES	and published and published	No. of Cases in Hospital at close of previous quarter	Admitted during quarter	Discharged	Died	No. under treatment on above date
Typhoid fever	•••	•••	8	26	16	2	16
Typhus		•••					
Small-pox	•••	***		•	•		
Measles		***	17	28	41	1	3
Scarlet fever	***		86	159	158	2	85*
Diphtheria	•••		124	252	211	26	139
Pneumonia	•••		. 16	48	38	8	18

^{*}Exclusive of 12 patients in "Beneavin," the Convalescent Home of Cork Street Fever Hospital.

Table VIII.—MARRIAGES, BIRTHS AND DEATHS Registered during the Quarter ended 30th September, 1883, in SAORSTÂT FIREANN, shown by Provinces and Counting, with Deaths from some of the Principlal Clases; Draths in Public Institutions; Uncertified Deaths; and the number of VACGINATIONS; also similar particulars for the whole of Northern Ireland. (Deaths in Institutions are assigned to the districts in which the deceased normally resided.— See Note on second mane.)

(*afard micros			Num	Numbers Registered	tered						The	Deaths	- 8	egist	Registered during		the Qu	Quarter	include	lde				100336	1
						Deaths of	sof							De	Deaths from	omo					-	-		-ind	suoj
							SI			Principal		Epidemic		Diseases	es		-	Tubercu-	n. I	-	1	- oi		[n,	iten
PROVINCES AND COUNTIES.	Area in Statute Acres.	Popula- tion Census 1926.	Marri- ages	Births.	Deaths.	Infants under 1 year	Persons 65 yes and upwards	Typhoid	Typhus	xoq-llsm2	Measles	Scarlet Fever	Cough	Diphtheria	Dysentery Diarrhoes and	Enteritis (Children under 2 years .	Influenza	Pulmonary	Forms	Violence (a)		Inquest Cases Deaths in Publ	Institutions	Deaths No. of success	тату Улсеі
Saorstat Eireann(b) 17,024,481 2,971,992	17,024,481	2,971,992	3,558	14,923	8,267	896	3,459	21	H	.	4	13	29	91		0 01	95 6	619	171	174 2	01 1- 02	316 2,	623 1	392	10,638
Carlow	221,485	34,476	3	164	123	11	51							13			} =	1 =	21	1 =	00	0	39	26	16
Dublin	208,920	100,354	213	319	273	30	97	-		ě	•	•	g-ed	ବର		20	•	63	10	34	12	70	58	ග	201
City of Dublin	18,781	405 300	891	5,284	1,240	- FI G	336	¢1			ෆ	-		25		-1	-	123	39 1	60	7-	58	663	C	918
Kildare	418,644	58,028	69	288	158	18	50	•		•			4			4	-	11		17	63	11	22	ಣ	128
Kilkenny	509,470	70,990	10.	316	923	90	95		•			01		4		က		18	¢1	17	11	17	40	45	262
Laoighis	424,892	51,540	95	212	141	11	70			*			•	C/I				1-	9	14	4	67	43	27	196
Longford	257,935	39,847	25.53	175	88	9	33	-	- 4		•			•		•,	_	20	4	00	4	4	24	32	149
Louth	202,814	62,739	98	315	168	12	78						Н			7	-	22	4	47.	4	41 .	42	12	154
Meath	577,816	62,969	88	244	199	-œ	00		•		•	•	•	60			-	21	C-1	24	1-	2	63	30	144
Offaly	493,637	52,592	500	259	140	00	09	Н		٠.	:		ಣ				•	7	10	0	FC)	හ	40	25	238
Westmeath	435,604	56,818	46	255	154	7	64	61			•	-4		-		F-1	Ħ	6	10	19	70	4	46	30	199
Wexford	580,894	95,848	128	455	259	26	106				•	•	4		•	າລ		36	9	29	О	9	71	47	41
Wicklow	500,244	57,591	61	285	176	<u>e1</u>	61				•		ಣ	•		10	ಣ	15	ආ	91	9	70	4	16	109
LEINSTER	4,851,136	4,851,136 1,149,092	1,821	6,518	3,341	388	1,215	00	1 . 1	•	(m)	10	54	46		102	15	986	900	331 1	134 1	143 1	1,275	29.0	2,830
	787,768		65	386	223	11	117				•			Ç1			- 71	10	4	4.0	0	12	72	0.0	307
Cork	1,840,905	287,257	01 13	1,191	805	65	342	П		•	•		-1	61	-	12		65	10	92	31	31	253	125	027

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451	675	316	109	259	261	160	32	3,497		177.00	441	1,227	346	328	3,095	7	404	(63)	65	1,216	5,871
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146	96	29	29	45	22	60	25	864		145	500	99	40	26	351	S M	3	21	60	133	926
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, C.	24	44	35		.16	20	10	291	The state of the s	45	Φ.	40	15	133	103		<u> </u>	25	10	49	391
275	364	266	148	169	030	135	F	2,685	The carries the	441	167	443	219	188	1,458		220	407	156	783	3,517
573	683	421	308	316	385	239	206	4,703		875	201	755	335	312	2,478		الم الم	899	242	1,224	6,273
178	125	69	00/	17-	8	48	000	989		110	49	130	06	22	456		64	165	10 00	1287	1,971
78,490	149,171	100,895	39,448	59,645	81,370	51,915	26,647	969,902		169,366	55,907	172,690	83,556	71,388	552,907		82,452	152,508	95.131	300,001	3,351,444 1,256,561 1,971
2,685	1,161,708	661,573	2,386	493,255	558,034	453,051	1,438	5,962,803		1,467,639	376,774	1,333,941	608,540	443,928	4,230,822		467,162	1,193,573	318.985	1,979,720	3,351,444
Cork Co. Borough	Kerry	Limerick	Limerick Co. Boro'	Tipperary N.R.	Tipperary S.R.	Waterford	WaterfordCo.Boro	MUNSTER		Galway	Leitrim	Mayo	Roscommon	Sligo	CONNAUGHT	3	Cavan	Donegal	Monaghan	ULSTER (part of)	NORTHERN IRELAND(c)

Including-accidental deaths, homicides, and suicides. (b) The returns for Balbriggan District in Balrothery Superintendent Registrar's District, Coolattin and Tinahely Districts in Shindangan S.R.D., Ballymacarbey District in Dungaryan S.R.D., Dunfanaghy and Tory Island Districts in Junianaghy S.R.D., and Castlefin District in Stranordar S.R.D. not having been received in time for Press, the number of Births and Deaths registered in the corresponding quarter of 1932 have been adopted. (c) For Northern Ireland, the Marriages relate to the quarter ended 51 H June, 1933.

(a)

COUNTIES.
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	5	Uncertified Death	56	• • • • •	o	61	H@@@@	10	6 11 15	හ • ග	61000
		Deaths in Public Institutions	39	75 85 4 75 85 6	663	821.88	6134 463 463 ·	10		921	7 9 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6
		inquest Cases	- 6	•0 0	000		· 0-1-m	• 61	H 01 H	mmov	· 4·
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1933]. 4th Quarter.

[No. 280]

CÚNNTAS RÁITHEAMHAIL NA bPÓSADH, NA mBREITH, AGUS NA mBÁS I SAORSTÁT ÉIREANN.

QUARTERLY RETURN

OF THE

MARRIAGES, BIRTHS AND DEATHS

REGISTERED IN

SAORSTÁT ÉIREANN

DURING THE QUARTER ENDED 31st DECEMBER, 1933.

BY PROVINCES, COUNTIES, AND SUPERINTENDENT REGISTRARS' DISTRICTS,

WITH

Certain Detailed information relative to the Deaths in Superintendent Registrars' Districts and in Urban Districts; Notifications of certain Infectious Diseases in Urban and Rural areas,

Persons Vaccinated, &c., &c., &c.

ALSO

YEARLY SUMMARY, 1933.

By Authority of the Registrar-General.

To be purchased directly from the GOVERNMENT PUBLICATIONS SALE OFFICE, 5 NASSAU STREET, DUBLIN, C.2. or through any Bookseller.

Price Sixpence Net,

(72).K8026.Wt.10-443.3.8.290.4/34, Falconer,

NOTE.—The figures given in this Report, being based on unrevised Registrars' Returns and compiled as soon as possible after the close of the Quarter, must be regarded as provisional. Revised figures appear in the Detailed Annual Report.

The Deaths registered in any part of the country are referred to the normal area of residence of deceased. Deaths of residents of other countries, if any, are allowed to remain in the Districts in which they occur.

The Births registered in each urban area, according to numerical returns furnished by the Registrars, have been partially corrected by the exclusion of those occurring in institutions of infants whose mothers were admitted from other localities. No correction is made in these reports for births in rural areas. In Table IV, as a consequence, there is liability to slight understatement in the births for urban districts, and a corresponding overstatement in those given for the rural districts.

GENERAL SUMMARY.

The Marriage-rate for the fourth quarter of 1933 was $4\cdot 5$ per 1,000 of the estimated population. This rate is $0\cdot 3$ above the average for the corresponding quarter of the ten years, 1923-32. The rate for Catholic marriages was $4\cdot 5$ and for all other marriages $3\cdot 7$ per 1,000.

In Northern Ireland the marriage rate for the third quarter of 1933 was $7 \cdot 1$ per $1{,}000$; in England and Wales $10 \cdot 1$, and in Scotland $8 \cdot 3$, as compared with $4 \cdot 8$ for Saorstát Eireann.

The **Birth-rate** was $18\cdot 4$ per 1,000, representing 13,768 births registered. This rate is $0\cdot 4$ below the average $(18\cdot 8)$ for the fourth quarter of the ten years, $1923\cdot 32$. For Dublin City the birth rate was 22.8; for Dún Laoghaire, $18\cdot 5$; for Cork, $18\cdot 9$; for Limerick, $21\cdot 2$; and for Waterford, $25\cdot 2$.

The corresponding birth-rate for Northern Ireland during the quarter was 17·7; for England and Wales, 12·8; and for Scotland, 16·5. The birth-rate for Belfast was 18·9; for Londonderry, 22·8; for London, 11·5; for Glasgow, 18·0; and for Edinburgh, 14·5.

The rate in respect of **Deaths** registered (numbering 9,730) was $13 \cdot 0$, being $0 \cdot 3$ below the average (13 · 3) for the fourth quarters of the preceding ten years.

For Dublin City the death-rate was 15·2; for Dun Laoghaire, 15·4; for Cork, 13·6; for

Limerick, 14.0; and for Waterford, 14.9.

In Northern Ireland the death-rate for the quarter under review was $13\cdot 5$ per 1,000; in England and Wales $12\cdot 0$; and in Scotland, $12\cdot 8$. In Belfast the rate was $14\cdot 3$; in Londonderry, $15\cdot 3$; in London, $12\cdot 0$; in Glasgow, $13\cdot 5$; and in Edinburgh, $13\cdot 4$.

Deaths from the **Principal Epidemic Diseases** (comprising typhoid fever, typhus, small-pox, measles, scarlet fever, whooping-cough, diphtheria, dysentery and diarrheal diseases) afforded an annual rate of 0·5 per 1,000, which is equal to the average for the fourth quarters of the five years, 1928-32.

The mortality from Influenza was equivalent to a rate of 0.2 per 1,000, which is the same as the average for the corresponding quarter of the preceding five years.

The rate for deaths from all forms of **Tuberculous Disease** was $1\cdot 1$ per 1,000, which is also the average rate for the fourth quarter of the five years preceding.

Deaths from **Puerperal Conditions** are represented by a rate of $4 \cdot 2$ per 1,000 births registered, comprising $2 \cdot 1$ for puerperal sepsis and $2 \cdot 1$ for other puerperal conditions, as compared with $2 \cdot 1$ and $3 \cdot 4$ for the fourth quarter of 1932.

The Infant Mortality rate (deaths of infants under one year of age per 1,000 births registered) was 68, in comparison with an average of 70 for the fourth quarter of the ten years, 1923-32.

The **Population** in the middle of 1933 is estimated as 2,992,000 persons (comprising 1,524,000 males and 1,468,000 females) showing an increase of 18,000 on the estimate for the middle of 1932. This increase is derived from the natural increase (excess of births over deaths), and the excess of immigration over emigration.

The Natural Increase during the fourth quarter of 1933 was 4,038, as compared with an average of 4,119 for the fourth quarter of the ten years, 1923-32.

During the fourth quarter of 1933, the number of **Emigrants** to places out of Europe and not within the Mediterranean Sea was 328, and the number of **Immigrants** from these places, was 537.

MARRIAGES.

The marriages registered during the quarter ended 31st December, 1933, numbered 3,354, equivalent to an annual rate of 4.5 per 1,000 of the estimated population, this rate being 0.2 above that for the corresponding quarter of 1932, and 0.3 above the average for the fourth quarter of the ten years, 1923-32 (See Table I). Of the total marriages 3,147 (or 4.5per 1,000 of the estimated number of Catholics in the population) were celebrated in accordance with the rites and ceremonies of the Catholic Church. The remainder (207) is equivalent to 3.7 per 1,000 of the population other than Catholic. The marriage-rate among Catholics is 0.3 above, and that among other denominations is equal to, the respective averages for the fourth quarter of the preceding ten years.

BIRTHS.

Births registered in the 640 Registrars' Districts into which Saorstát Éireann is divided for registration purposes, amounted to 13,768, of which 7,034 were those of males and 6,734 of females, or 1,045 of the former to 1,000 of the latter.

The birth-rate was 18·4 per 1,000 of the estimated population, being 0·4 below the average

(18·8) for the fourth quarter of the ten years, 1923-32 (See Table I).

The birth-rate for **Urban Districts** (including the cities or boroughs) was 21·7, and for Rural Districts, 17.0, as compared with 21.0 and 16.1, respectively, in the fourth quarter of 1932 (See Table IV).

For the Twelve Principal Towns, the birth-rate was 22 · 4, as against 21 · 7 in the corresponding

quarter of 1932.

Amongst these towns, the rates varied from $34 \cdot 2$ for Kilkenny, $32 \cdot 1$ for Drogheda, and $30 \cdot 6$ for Galway to 16.8 for Sligo, 17.4 for Dundalk, and 18.5 for Dún Laoghaire.

DEATHS.

The number of deaths registered during the quarter was 9,730, and of these 4,971 were deaths of males and 4,759 of females. For all persons the equivalent annual rate was $13\cdot 0$ per 1,000 of the estimated population, being $0\cdot 3$ below the average for the fourth quarter of the preceding decennium, but is 0·1 above the rate for the fourth quarter of the year 1932 (See Table I).

For the Urban Districts in the aggregate, the death-rate was 14.5, being equal to that in the fourth quarter of 1932, and for Rural Districts, 12.4, in comparison with 12.3 for the

corresponding period of the year 1932.

The annual rate represented by deaths from all causes for the Twelve Principal Towns in

the aggregate was 14·8, as compared with 14·9 in the fourth quarter of 1932.

The rate for each of these towns is as follows, ranging in order from that with the lowest rate to that with the highest:—Dundalk 10·0, Sligo 11·2, Tralee 11·4, Wexford 13·5, Cork 13.6, Limerick 14.0, Waterford 14.9, Dublin 15.2, Dún Laoghaire 15.4, Galway 16.6, Drogheda 19.5, and Kilkenny 19.9

Causes of Death.

Table II shows the mortality from some of the principal causes for the fourth quarter of 1933 and for each quarter of the preceding five years, as well as the averages for each quarter of these years.

Principal Epidemic Diseases.—From this Table it will be seen that the number of deaths (411) from this group of causes is 6 above that for the fourth quarter of 1932, and 19 above the average for the fourth quarter of the five years 1928-32. Increases are shown in scarlet fever, whooping-cough, diphtheria and diarrhea and enteritis of children under 2 years of age in comparison with the average for the previous five years. The increase in scarlet fever was 8, in whooping-cough 12, and in diphtheria 31 when compared with the average. Decreases have occurred in typhoid fever and measles, the decrease in measles amounting to 34.

Deaths from diarrhea and enteritis of children under 2 years, numbered 158; of these 100 (or 20.6 per 1,000 births) were recorded for urban areas, as against 58 (or 6.5 per 1,000 births) for rural areas. For urban areas of 10,000 population and upwards ("Twelve Principal Towns"), the mortality was 21.3 per 1,000 births, as compared with 17.9 per 1,000 for urban

districts with less than 10,000 inhabitants.

Table III shows that the mortality from the principal epidemic diseases in the Counties and Cities varied from 0.0 per 1,000 of the population for County Longford, to 2.0 for Limerick

The death-rate from these diseases for the twelve principal towns in the aggregate, was 1.0, and the rates fluctuated between 0.4 for Tralee and 2.0 for Limerick; the 138 deaths from all causes for the latter area included 9 from diphtheria, and 11 from diarrheea and enteritis of children under 2 years (Table IV).

Influenza.—Deaths from influenza numbered 164, representing an annual rate of 0.2 per 1,000. The average number for the fourth quarter of the preceding five years was 129, with a rate of 0.2. Of the deaths in the quarter under review, 22 appertained to urban areas, and 142 to rural districts; the corresponding numbers for the fourth quarter of 1932 were 26 and 121.

Tuberculosis.—The number of deaths from all forms of this disease during the quarter was 791, equivalent to an annual rate of 1·1 per 1,000 of the population, as compared with an average of 807, and a rate of 1·1 for the fourth quarter of the five years, 1928-32. As may be seen from Table III, the rates varied from 1·7 for Dublin County, 1·6 for City of Dublin and 1·5 for Louth, to 0·4 for Roscommon, 0·5 for Laoighis and Waterford, 0·6 for Galway, and 0·7 for Carlow, Meath, Leitrim and Donegal. The rate for the aggregate city or borough areas and urban districts was 1·5 per 1,000 of the population of these areas, as compared with 0·9 for rural areas. For the twelve principal town areas, and for the urban districts under 10,000 population the rate was also 1·5.

Puerperal Conditions.—The number of deaths ascribed to accidents and diseases of pregnancy and childbirth, was 58, being equal to 4·2 per 1,000 births registered. Of the 58 deaths, 29 were due to puerperal sepsis, or 2·1 per 1,000 births, and 29, or 2·1 per 1,000 births, to other puerperal conditions. The corresponding rates for the fourth quarter of 1932 were 2·1 and 3·4 respectively.

Ages at Death.

Of the total deaths at all ages registered during the quarter, 933 or 9.6 per cent. were those of infants under one year of age, and $4{,}365$, or $44{\cdot}9$ per cent. were those of persons 65 years and upwards.

Infant Mortality.—The infant mortality rate was 68 per 1,000 births registered, as compared with 78, 59 and 55 respectively, for the three preceding quarters, and an average of 70 for the fourth quarter of the ten years preceding (Table I).

For county boroughs and urban districts in the aggregate, the rate was 94, and for all rural districts 54 per 1,000 births (Table III).

Deaths in Public Institutions.

Deaths in Institutions numbered 2,849, or 29·3 per cent. of all deaths registered.

Inquests.

There were 321 inquests or deaths registered on Coroners' Certificates during the quarter, this number being $3 \cdot 3$ per cent. of the total deaths registered.

Uncertified Deaths.

The number of entries in which the cause of death was not stated to have been certified by a medical practitioner was 1,666 or $17 \cdot 1$ per cent. of the total deaths.

Cases of Infectious Diseases Notified.

Table VI gives the number of such cases notified during the quarter in urban and rural districts. The total number amounted to 2,712.

Vaccination.

As returned by the Registrars, the number of successful primary vaccinations during the puarter ended 31st December last was 6,900, or 50·1 per cent. of the births registered during the quarter, the corresponding ratio for the fourth quarter of the five years 1928-32 being 68·7.

CITY OF DUBLIN.

BIRTHS.

Exclusive of 332 births in institutions relating to residents of other localities, the number of births recorded for the city of Dublin during the quarter under review was 2,396. The annual rate represented thereby was 22·8 per 1,000 of the estimated population, as compared with a rate of 22·7 for the corresponding quarter of 1932. The total births registered (2,728) comprise 1,380 boys and 1,348 girls.

DEATHS.

Omitting 234 deaths registered in the city relating to other localities, and including those of persons usually resident in the city who died elsewhere in Saorstát Eireann, the deaths for Dublin for the quarter numbered 1,591, equivalent to an annual rate of 15·2 per 1,000 of the population, as compared with 15·5 for the fourth quarter of 1932. The total number of deaths registered in the city was 1,814—920 males and 894 females.

For the portion of the city north of the Liffey, the death-rate from all causes was $15 \cdot 2$ as compared with $15 \cdot 0$ for the south side. In the fourth quarter of 1932 the rate on the north side was $15 \cdot 5$, and on the south, $14 \cdot 8$. The mortality for these portions of the city is derived from figures partially corrected for deaths in institutions, as given in Table V, which shows the mortality for each Registrar's District, by ages and by some of the principal causes, for the quarter (thirteen weeks) ended 30th December, 1933.

Causes of Death.

The following statement shows the number of deaths from some of the principal causes for the fourth quarter of 1933, as compared with 1932:—

CITY	OF	DUBLIN	
CAUSE OF DEATH		Fourth Quarter, 1933	Fourth Quarter, 1932
o Typhoid fever	***	3	9
Typhus ,, Small-pox Measles Scarlet fever			2
Small-pox Measles	***	1	30
Measles Scarlet fever Whooping-cough Diphtheria Dysentery Diarrhoea and ente (children under	•••		5
Whooping-cough		6	. 9
हिन्दें Diphtheria		39	28
BH Dysentery	***		1
Diarrhoea and ente		\ 40	42
Children under	4)	
Influenza		6	12
Pulmonary tuberculosis		124	124
Other forms ,,	•••	39	18

Increases have occurred in the number of deaths from diphtheria and all forms of tuberculosis, and decreases in the number of deaths from the other diseases shown, as compared with the same quarter of 1932.

Principal Epidemic Diseases.—The deaths from this group of causes numbered 89, affording an annual rate of $0 \cdot 8$, as compared with $1 \cdot 2$ for the fourth quarter of the preceding year.

Tuberculosis.—The deaths from all forms of tuberculous disease recorded for the city numbered 163, representing an annual rate of 1.55, as compared with 1.36 for the fourth quarter of the preceding year.

The mortality from tuberculosis in the north side of the city was 1.64, and in the south,

1.41, the respective rates for the fourth quarter of 1932 being 1.38 and 1.25.

Of the 163 deaths, 124 were ascribed to pulmonary and 39 to other forms of the disease, the former representing a rate of $1 \cdot 18$ per 1,000, and the latter $0 \cdot 37$ per 1,000.

Ages at Death.

Of the 1,591 deaths relating to the city of Dublin, registered during the quarter, 306 (or 19·2 per cent.) were those of children under five years of age, and 517 (or 32·5 per cent.) were of persons 65 years of age or upwards, the corresponding percentages in respect of the fourth quarter of 1932 being 28·4 and 27·6.

Infant Mortality.

There were 219 deaths of infants under one year of age for the city, equivalent to a rate of 91 per 1,000 births. In the fourth quarter of 1932 the rate was 135.

Deaths in Public Institutions.

The deaths of Dublin residents occurring in public institutions, registered during the quarter, numbered 757, or $47 \cdot 6$ per cent. of total deaths.

Cases of Infectious Disease.

The number of cases of infectious disease notified during the quarter, as shown in Table VI, was 635. Table VII gives the number of cases under treatment in Dublin hospitals during the quarter.

METEOROLOGY.

The mean temperature for the thirteen weeks ended 30th December, 1933, deduced from the mean weekly temperature as returned from the Ordnance Survey Office, Phœnix Park, Dublin, was $44\cdot3^{\circ}$, at Cork (Roche's Point) it was $47\cdot2^{\circ}$; at Peamount Sanatorium $42\cdot6^{\circ}$; at Greenwich $43\cdot4^{\circ}$; at Glasgow $43\cdot4^{\circ}$, and at Edinburgh $43\cdot2^{\circ}$.

The mean daily number of hours of bright sunshine recorded for the period stated at Dublin was $1\cdot 8$; at Cork (Ballinacurra), $2\cdot 3$; at Peamount Sanatorium, $1\cdot 8$; at Greenwich, $1\cdot 6$; at Glasgow, $1\cdot 1$; and at Edinburgh, $1\cdot 7$.

The rainfall during the same period measured at Dublin 5.53 inches; at Cork (Roche's Point), 5.80 inches; at Peamount Sanatorium, 5.24 inches; at Greenwich, 2.69 inches; at Glasgow, 4.76 inches; and at Edinburgh, 4.45 inches.

The following information has been kindly furnished by the Director of the Meteorological Office, London:—

October.

The weather of October was mild, dull and dry in most areas.

For the eighth successive month mean temperature was above the normal, the excess varying roughly from 1° F. to 2° F. The mild weather lasted for the most part until the 24th, but the first nine days provided the highest temperatures (67° F. was reached at Cork on the 5th). Northerly winds, reaching gale force locally at times, were responsible for the cold spell after the 25th. The coldest period was the 26th-28th: at Seskin, Carrick-on-Suir, the maximum temperature was only 45° F. on each of these days, while minima of 27° F. and 29° F. were registered at Hazelhatch and Phænix Park, Dublin, respectively on the 26th.

On the whole, rainfall was deficient, the deficiency being most marked in the south-west, where less than 60 per cent. of the normal was recorded at many places. Locally in the north-west and in the eastern counties there was an excess. The largest rainfall in 24 hours occurred, as a rule, or the 18th or 19th but in the north-west heavy rain was noted on the 8th and 9th.

Sunshine was everywhere deficient, the most notable deficiency occurring in the extreme north. At Malin Head less than 50 per cent. of the normal was recorded and the daily mean was only 1·47 hours.

A great shower of meteors was observed at Mallaranny on the night of the 9th.

November.

The weather of November was distinguished by a deficiency of rainfall. The general precipitation over the whole of Ireland was slightly less than 50 per cent. of the normal and locally in counties Tipperary and Wexford less than 30 per cent. was recorded. For the first time since February, mean temperature for the month was below the normal. The highest temperatures were recorded for the most part on the 1st or the 6th and 59° F. was reached at Newcastle (Wicklow) on the 6th. The lowest minima occurred mainly on the 22nd; on that day 20° F. was registered at Markree Castle, 21° F. at Newtownforbes, and 22° F. at Birr Castle. Ground frost was noted on as many as 20 days at Birr Castle and 15 days at Cork. For the district as a whole, sunshine aggregates were above the normal, the excess amounting to 15 hours at Valentia Observatory. At Phœnix Park, Dublin, however, less than the average was recorded.

December.

The weather of December was mainly anticyclonic, dry and cold, particularly in the south. Mean temperature for the month was below the normal except in the extreme north, the deviation from the average varying from $+0.2^{\circ}$ F. at Malin Head to -3.0° F. at Foynes. The absolute extremes were 54° F. at Blacksod Point on the 21st and 20° F. at Markree Castle on the 7th.

As in November, rainfall was decidedly below the average. The deficiency was greatest in the south-west and west, less than 35 per cent. of the normal being recorded locally in counties Cork, Kerry and Limerick. The number of rain days was also markedly below the normal. The heaviest daily rainfalls occurred generally on the 1st and 27th: 33 mm. were recorded at Newcastle (Wicklow) on the 1st, and 32 mm. at Mountmellick on the 27th.

Sunshine aggregates were rather variable but, on the whole, they were above the normal. The excess amounted to as much as 28 hours at Mallaranny and 25 hours at Valentia Observatory, but at Phœnix Park, Dublin, there was a deficiency of 19 hours.

WIND	Mean Force (Beaufort Scale 0—12)	4.[9.6	2.4	2.6	2.7	2.1	4.2	1.6	3.4	2.4	2.4	1.6	2.2	67
	Number of Days	67	4	10	5	9	က	2	-1	н	က	9	0	9	49
RAINFALL*	lam10K mont noitaived	mm. +1	80	+17	67	-13	14	2+	14	-13	-10	4	-14	+3	-64
M	. JanomA letoT	mm. 14	00	32	14	4	10	24	0.3	Q1	10	11	1.0	19	140.4
P	Percentage of Possible	%67	35	16	21	31	6	34	26	6	12	12	19	11	20
BRIGHT	Deviation from Normal	hrs.	0.0	9.1-	-1.5	1.0-1	-1.6	+0.5	0.0	-1.0	8.0-	2.0-	-0.1	0.5	9.0—
	Mean Daily Amount	hrs. 2.8	3.5	1.7	2.0	5.0	8.0	2.9	2.1	0.7	6.0	6.0	1.4	8.0	1.8
rer	Меал Нитідіку	%88 88	88	81	85	98	06	888	88	62	60	88	98	88	84
HYGROMETER	Mean of Wet Bulb	°F.	48.1	6.74	43.9	40.6	42.6	40.2	37.1	39-1	34.6	35.6	40.8	21.1	41.5
HY	Mean of Dry Bulb	°F.	50.5	50.5	45.8	42.9	43.8	41.6	38.3	41.5	87.4	87.3	45.4	99.0	43.4
	Lowest	°F.	41	35	53	653	31	32	25	27	25	27	31	26	25
2	tesdgiH	。 F. 64	63	59	57	55	55	52	20	48	46	77	52	52	64
RATURI	IsmroN anort notserved		4.5	+2.3	8.0+	1.5	+0.7	7.0	1:1-	-0.1	-2.4	-4.1	+2.5	6.0-	+0.2
TEMPERATURE	Mean of A. & B.	°F.	53.1	50.6	46.6	44.5	45.7	42.5	40.9	41.5	38.5	36.6	42.5	30.5	44.3
	AmminiM	°F. 45.9	45.9	44.9	40.6	38:0	40:4	36.0	33.6	37.1	34.1	32.1	37.3	34.4	38.5
	.A mumixsM	•F.	60.4	56.3	52.6	0.19	50.9	49.1	48.1	45.9	43.0	41.1	47.7	44.7	50.5
RSURE	Deviation from Normal	mb. +10.7	2.9	-0.1	+0.4	+5.3	+5.5	-5.5	+6.1	+5.7	+16.4	+10.2	+21.1	-6.1	+4.6
PRESSU	Value reduced to Lean Sea	mb.	1005.9	1012.5	1012.9	1017.8	1017.9	1006.9	1018.1	1014.4	1027.8	1021.3	1031.9	1005.5	1016.7
				:	:	:	:	:	:	:	:	:	:	:	:
	Weix Bappa	74h 1933		21st	28th	v. 4th	11th	18th	25th	2. 2nd	9th	16th	23rd	30th	MEANS
) to			:	Nov.		33	2	Dec.	33		: 2		

ABLE A.—Showing the Mean Weekly Values and the Differences from their Normal Values of the Metrophological Emirings at Phonix Park, Ducember, 1933.

* Total for 13 weeks.

WIND	Mean Force (Beaufort Scale 012)	8.7	3.4	3.5	3.5	4.0	2.7	3.0	2.2	2.0	es es	e0 e0		& &		3.4
+-	Number of Days	61	4	9	4		တ	5	्रा	70	67	63	ତଃ	9		44
RAINFALL +	Deviation from Mormal	mm —16	9+	4-	-20	-25	-21	9	-16	+5	63-	-28	28	6		194
RA	TatoT fatoT	mm 3	30	20	13	0.4	œ	19	9	87	က	¢1	Н	22		147.4
*	Percentage of Possible	19%	33	18	37	39	24	24	40	18	24	34	0	11	}	200
BRIGHT SUNSHINE*	Deviation from Mormal	hrs. —	+0.3	-1.2	8.0+	+1.2	+0.1	2.0	+1.6	0.0	+0.4	+1.3	-1.4	-0.5		1.0.7
sn	Mean Daily Amount	hrs. 2.1	3.6	1.9	3.7	3.7	2.2	2.1	3.4	1.5	1.9	2.2	0.0	8.0		6.6
ER	Mean Humidity	%28	83	82	62	22	98	84	87	81	73	81	85	87		60
HYGROMETER	Mean of Wet Bulb	o.F.	52.7	6.09	46.7	45.6	46.6	43.7	43.0	44.7	37.9	36.9	44.3	45.0		15.4
HYG	Mean of Dry Bulb	6.9g	55.3	53.6	49.5	48.8	48.4	45.7	44.7	47.2	40.9	39.0	46.2	43.2		47.7
	Lowest	°F 45	45	45	38	40	40	35	35	38	36	31	40	35		21
-	Highest	. F. 63	63	20	58	56	55	53	52	52	48	46	50	20		00
ATURE	lamtoM mort noitsivəU	+2.5	+5.8	+1.8	+0.4	2.0-	+0.1	-1.6	6.1-	6.0+	9.8	9.9—	+1.0	-1.4		1
TEMPERATURE	Mean of A. & B.	°F.	54.9	53.3	40.5	48.5	48.5	44.0	43.9	46.5	41.3	38.1	45.3	42.8		2
H	Minimum B.	•F 51.4	50.6	9.6	45.4	6.44	44.9	40.4	38.4	44.0	38.6	33.9	43.4	30.3		7 07
	.A mumixaM	9.09	59.3	0.76	53.7	52.1	52.0	49.3	49.3	49.1	43.9	42.3	47.3	46.3		0
JRE	Deviation from Normal	mb.	1	1	1	1	I	1	1	1	1	-	1	ı		
AIR PRESSU	aes naeM ot beouber enlaV fevel	mb.	1007-9	1011.4	1013.3	1019.6	1018.5	1006.3	1017.2	1010.7	1024.4	1020.5	1031.5	1006.4		0 0 0 0
	o		_	_				_	:	:	:	:	:	:		
	Week Ended	7+h 1083		21st	28th	4th	11th	18th	25th	2nd	9th	16th	23rd	30th		
	₩	100	oce.			Nov.	:	: :		Dec.	:	6	: "	33		

Table I.—Marriages, Births and Deaths registered in Saorstát Éireann, in the years 1928 to 1933, by quarters.

				NUM	BERS			RA	TES	
YEAR	AND QUAI	RTER	Marriages	Births	DE.	ATHS	Per mat	1,000 of led Popula	Esti- tion	Deaths under
				2210125	All ages	Under one year	Marriages	Births	Deaths	one year per 1,000 Births
	Average	1923-27	14,252	61,678	43,293	4,332	4.8	20 · 7	14.5	70
Year -		1928 1929 1930 1931 1932	13,716 13,593 13,631 13,133 13,029	59,176 58,280 58,353 57,086 56,240	41,792 42,991 41,702 42,947 42,984	4,016 4,102 3,965 3,935 4,060	4·7 4·6 4·6 4·4 4·4	20·1 19·8 19·8 19·3 18·9	14·2 14·6 14·2 14·5 14·5	68 70 68 69 72
	Average	1923-32	13,836	59,753	42,888	4,174	4.7	20 · 1	14-4	70
*	Average	1923-27	4,050	15,230	12,866	1,249	5 · 4	20 · 4	17 · 2	82
First { Quarter		1928 1929 1930 1931 1932	3,748 3,342 3,964 3,518 3,161	14,593 14,151 14,481 14,304 13,585	12,578 13,960 12,666 13,686 13,193	1,213 1,266 1,165 1,288 1,092	5·1 4·5 5·4 4·8 4·3	19·8 19·2 19·7 19·3 18·3	17·1 19·0 17·2 18·5 17·7	83 89 80 90 79
	Average	1923-32	3,798	14,727	13,041	1,227	5.1	19.8	17 · 6	83
	Average	1923-27	3,450	16,264	11,550	1,073	4.6	21 · 8	15.5	66
Second {		1928 1929 1930 1931 1932	3,251 3,383 3,077 3,128 3,160	15,840 15,345 15,305 15,142 14,804	11,062 10,895 10,751 11,293 11,267	985 1,014 1,038 1,045 1,084	4·4 4·6 4·2 4·2 4·2	21·5 20·8 20·8 20·5 19·9	15·0 14·8 14·6 15·3 15·1	62 66 68 69 73
	Average	1923-32	3,325	15,776	11,302	1,053	4-5	21 · 2	15 · 2	. 67
1	Average	1923-27	3,634	15,770	8,827	995	4.9	21 · 1	11 · 8	63
Third { Quarter		1928 1929 1930 1931 1932	3,557 3,720 3,489 3,579 3.509	14,868 14,993 14,862 14,410 14,800	8,561 8,524 8,435 8,364 8,895	844 885 777 714 914	4·8 5·1 4·7 4·8 4·7	20 · 2 20 · 4 20 · 2 19 · 5 19 · 9	11.6 11.6 11.5 11.3 11.9	57 59 52 50 61
1	Average	1923-32	3,603	15,278	8,692	911	4.8	20 · 6	11.7	60
{	Average	1923-27	3,118	14,414	10,050	1,015	4 · 2	19 · 3	13 · 5	70
Fourth Quarter		1928 1929 1930 1931 1932	3,160 3,148 3,101 2,908 3,199	13,875 13,791 13,705 13,230 13,051	9,591 9,612 9,850 9,604 9,629	974 937 985 888 970	4·3 4·3 4·2 3·9 4·3	18·8 18·7 18·6 17·9 17·5	13·0 13·1 13·4 13·0 12·9	70 68 72 67 73
(Average	1923-32	3,110	13,972	9,853	983	4 · 2	18 · 8	13 · 3	70
1st Q 2nd 3rd 4th	uarter, 1935	3 	3,611 3,449 3,553 3,354	13.739 14,994 14,923 13,768	12,922 9,731 8,267 9,730	1,067 892 826 933	4·8 4·6 4·8 4·5	18·4 20·0 20·0 18·4	17·3 13·0 11·1 13·0	78 59 55 68
	Year	1933	13,967	57,424	40,650	3,718	4.7	19.2	13.6	65

TABLE II. - Deaths from some of the principal causes registered in Saorstát Éireann during each of the years 1928-33 by quarterly periods, with the rates

MORTALITY BY COUNTIES, &c.

TABLE III.—Showing for Counties, etc., the DEATH-RATES from all Causes, and from some of the Principal Causes, per 1,000 of the population; with the mortality per 1,000 births represented by deaths of infants and deaths from puerperal conditions, during the quarter ended 31st December, 1933.

(See Note on Second Page).

		DEATH- POP	RATES P	ER 1,000 FROM		Deaths	DEAT	HS FROM	M PUERP	ERAL
Counties and County Boroughs by Provinces with Urban and Rural		Prin-	Tuber	culosis		Infants under one	Tot	al	Puerr	eral sis
Groupings	All	cipal Epide- mic Diseases*	All Forms	Pul- monary	year per 1,000 Births ‡	Number	Rate per 1,000 Births ‡	Number	Rate per 1,000 Births	
SAORSTÁT ÉIREANN†	13.0	0.2	1'1	0.8	0.5	68	58	4 · 2	29	2 · 1
Carlow County Dublin City of Dublin† Kildare County Kilkenny Laoighis Longford , Louth , Meath , Offaly , Westmeath , Wexford , Wicklow ,	12.8 13.8 15.2 12.9 14.4 18.3 14.6 14.0 14.1 12.9 13.9 14.7	0.2 0.7 0.8 0.8 0.6 0.5 1.0 0.2 0.3 0.5 0.7 0.3	0.7 1.7 1.6 1.1 1.4 0.5 1.0 0.7 1.4 1.3 1.2	0.6 1.5 1.2 0.9 1.2 0.4 0.6 0.6 0.8 1.2 0.8	0.6 0.2 0.1 0.5 0.5 1.2 0.3 0.1 0.2 0.3 0.1	82 126 91 107 49 75 80 75 57 83 58 83 61		2.9 8.5 3.3 10.0 6.5 4.1 4.6 4.2 2.2 12.2	11 22	1.7 3.3 5.0 6.5
LEINSTER	14.4	0.7	1.3	1.0	0.2	83	21	3,6	8	1.4
Clare County Cork " Borough Kerry County Limerick " Limerick Co. Borough Tipperary County N.R. Tipperary County N.R. Waterford County Waterford Co. Borough	10.1 12.6 13.6 10.4 11.8 14.0 13.3 13.8 13.4 14.9	0.1 0.4 0.6 0.6 2.0 0.5 1.0 0.4	1.0 1.1 1.2 1.0 1.2 1.1 1.1 0.5 1.1	0.8 0.8 1.0 0.7 1.0 0.8 1.1 0.7 0.3 0.9	0.1 0.1 0.2 0.2 0.1 0.2 0.1 0.2	57 65 97 44 54 86 59 78 70 125	35 1 3 3 3 1 .	8.6 4.3 2.7 4.7 5.3 9.4 7.6 4.7	2 2 2 2 2 2 2 1	5.7 1.7 3.2 6.3 5.0 4.7
MUNSTER	12.3	0.6	1.0	0.8	0.2	67	22	5.0	11	2.5
Galway County Leitrim Mayo Roscommon Sligo ,	12.5 12.5 11.7 12.0 11.2	0.6 0.4 0.6 0.5 0.3	0.6 0.7 0.9 0.4 0.9	0.5 0.6 0.8 0.3 0.6	0.2 0.4 0.3 0.2 0.3	51 39 44 26 74	5 3 1 1	6.2 4.1 3.2 3.5	5 . 3	6.2
CONNAUGHT	12.0	0.5	0.7	0.6	0.2	47	10	4.2	8	3,4
Cavan County Donegal ,, Monaghan ,,	13.7 12.4 12.1	0.2 0.2 0.2	0.9 0.7 1.0	0.9 0.6 1.0	0.3 0.4 0.3	49 44 18	2 2 1	6.9 3.1 3.6	i 1	1.6 3.6
ULSTER (part of)	12.7	0,2	0.8	0.7	0.3	39	5	4.1	2	1.7
Twelve Principal Towns Urban Districts under 10,000 Population Aggregate Co. Boroughs and Urban Districts Aggregate Rural Districts	14.8 13.6 14.5 12.4	1.0 0.7 0.9 0.4	1.5 1.5 1.5 0.9	1.1 1.3 1.2 0.7	0.1 0.1 0.1 0.3	94 92 94 54	10 6 16 42	2.6 6.0 3.3 4.7	6 4 10 19	1.6 4.0 2.1 2.1

^{*} Typhoid fever, typhus, small-pox, measles, scarlet fever, who
oping-cough, diphtheria, dysentery and diarrhœal diseases.

[†] The rates for Saorstát Éireann and the City of Dublin are calculated on the estimated population in the middle of 1933; those for the other areas on the population according to the Census of 1926.

[†] The rates for the administrative counties of Dublin, Cork, Limerick and Waterford are based on the births registered therein plus a proportion (derived from the record of transfers during 1930-1932) of the births registered in the respective county boroughs relating to other localities.

TABLE IV.—BIXTHS AND DEATHS registered during the Quarter ended 31st December, 1933, relating to Urban Districts (including County Boroughs), and the number of Deaths from some of the principal causes (see Note on second page); also particulars of Bixths and Deaths (exclusive of those occurring in public Institutions belonging to other localities) for Beharsty and LONDONDERRY. DISTRICTS

<u>п</u>, головин возини .m .mm .m 999 1602 No. Uncertified 64 2849 188 1498 249 21-0140319100. 351 suoit Public Instituuj 11511 18 Inquest Cases† 21 Violence HONDH. 89:50:50:00 842 Cancer 0° 0° 0° 4 ± Tuberculosis 991 85 OI F 14 71 . . . Other Forms M30 - H - 40 H Pulmonary 635 258 rzuenyuI 64 42 15 90101 - m . . 2 Diarrhæa & En-teritis (children under 2 years) 158 100 58 18 Δq Dysentery Caused Principal Epidemic Diseases .00H en 3 Diphtheria 28 62 congp 43 23 Whooping-9 Scarlet Fever .83 Measles xoq-llam2 LAbyns Typhoid Fever 4.365 249 3,278 @@@@@<u>_4@@@pro</u>@ 1.087 -qu bars and up-**ほとよる・2001年5・14** 479 Under I year of Age 1,500 1,500 1,200 2,539 04x008xx1 1 18 9.730 6.486 Total Number 1.007 3.843 2,396 165 370 209 168 13,768 8.918 4,850 BIRTHS Total Number From principal Epidemic Diseases 0.4 2.9 Annual Rate per 1,000 DEATHS persons repre-sented by 13.0 From all Causes ∞r0001010-4-1-€∞000 18.4 17.0 BIRTHS 222. 1188. 125. 125. 127. 127. 127. 127. 127. 127. 19 21.6 88.5 11.8 9.8 17.8 10.9 88468888889944 881618888644 STATISTICS OF DISTRICTS IN 1926 Perto 15. CENSUS 405,300 35,111 78,490 39,448 26,447 14,227 12,716 11,879 11,879 11,879 11,879 11,879 11,879 2,971,992 669,830 207,021 2,095,141 876,851 Population Boro'* Districts under 10,000 Population Borough Total 12 Principal Towns SAORSTÁT ÉIREANN* URBAN DISTRICTS Total Urban Districts Fotal Rural Districts Dun Laoghaire Ceanannus Mór PROVINCES Enniscorthy Granard Howth Longford Dublin City* AND Urban An Uaimh Arklow Athlone Athy Birr Bray Carlow LEINSTER

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Naas New Ross Trim Tullamore Wicklow	II. MUNSTER. Carrick-on-Suir Cashel Cashel Clonality Clonmel Cobh Dungarvan Ennis Ennis Killarney Mallow Mallow Mallow Mallow Mallow Middleton Middleton Middleton Skibberen Templemore Templemore Templemore Thurtes Tipperary	III, CONNAUGHT. Ballina Ballinasloe Castlebar Westport	IV. ULSTER (part of) Belturbet Benterana Bundoran Carrickmacross Castleblayney Cavan Clovas Clovas Cootchill Letterkenny Monaghan	Belfast City ‡ Londonderry City‡

* The rates for Saorstát Éireann, the City of Dublin and the Borough of Dun Laoghaire are calculated on the estimated populations in the middle of 1932.

† Including all deaths registered on Coroners Certificates.

† The information given for Belfast and Londonderry relates to the thirteen weeks ended 30th December, 1933. The birth and death-rates are based on the Census population of 1926; the epidemic rate includes influenza.

CASES OF INFECTIOUS DISEASES.

Table VI.—Summary of Cases of Infectious Disease notified to the Department of Local Government and Public Health in respect of Saorstat Éireann for the Quarter ended 31st December, 1933.

The letters in the last column denote the following diseases:—A. Acute anterior poliomyelitis. B. Cerebrospinal meningitis. C. Continued fever. D. Encephalitis lethargica. E. Erysipelas. F. Ill-defined fever. G. Membranous croup. H, Meningitis. J. Ophthalmia neonatorum.

COUNTY BOROUGHS.

County	Typhus	Typhoid	Diph-	Scarlet	Puer- peral	Pneun	onia	Other Diseases
Boroughs			theria	Fever	Sepsis	Primary	Influ- enzal	(See note above)
Cork		1	33	106	6			E. 9.
Dublin		3	315	232	3	33	5	
Timoniale								E. 44.
		4	132	45	4	4	1	E. 8.
Waterford		2 .	14	14				
TOTAL		10	494	397	13	37	6	E. 61.

URBAN DISTRICTS.

County		Urban	Ĭ	Ty-	Ty-	Dinh	Scarlet	Puer-	Pneui	nonia	Other Diseases
		District		phus	phoid	theria		Sepsis	Pri- mary	Influ- enzal	Other Diseases
Carlow	***	Carlow				5	9	1			E. 1
Cavan	/ Wee]	Cavan				2	4 4 1				
Clare	•••	Ennis			1	8					
Cork	***	Fermoy Kinsale Midleton Passage West Skibbereen	•••		1	1	2 2 1 2 1	1			E. 1.
Donegal	•••	Buncrana				2	3			1	

TABLE VI. contd.—URBAN DISTRICTS.

County		Urban	Ty-	Ty-	Diph-	Scarlet	Puer- peral	Pneur	nonia	Other Diseases
County		District	phus	phoid	theria	Fever	Sepsis	Pri- mary	Influ- enzal	Outer Discusses
Dublin	***	Dun Laoghaire Howth		1	4	12 2				E.2.
Galway	•••	Ballinasloe Galway			2 25	1	6			E. 4.
Kerry	***	Killarney Listowel Tralee		1 5	2	11		4	2	
Kildare		Naas			2					A. 1.
Kilkenny	•••	Kilkenny			1	8				
Longford	***	Longford Granard		1*	4	1	1			
Louth	***	Drogheda Dundalk			8	1				
Mayo		Ballina Castlebar		11	3	2				
Monaghan	•••	Carrickmacross Castleblayney Clones Monaghan		2	3 1 7	10 15		1		E. 1. E. 1.
Offaly	***	Birr Tullamore		1 1	2 8	. 5				
Sligo	•••	Sligo			5†	11				
Tipperary (N.	R.)	Nenagh				4				
Tipperary (S.	R.)	Carrick-on-Suir Cashel Clonmel Tipperary			1 1 2 6	1 36 21				
Westmeath		Athlone			1			2		
Wexford	•••	Enniscorthy New Ross Wexford			3	7 2		1		
Wicklow	•••	Arklow Bray Wicklow			6 2	4.				
		TOTAL		26	119	188	40	8	3	A. 1. E. 10.

^{*} Paratyphoid.

RURAL DISTRICTS.

County	Rural	Ty-	Ty-	Dinh-	Scarlet	Puer- peral	Pneur	nonia	Other Diseases
County	District	phus	phoid	theria	Fever	Sepsis	Pri- mary	Influ- enzal	Outer Diseases
Carlow	Baltinglass No. 2 Carlow			1	15				E. 2.
Cavan	Bailieborough Bawnboy Castlerahan Cavan Mullaghoran		1	7	1 12 12		2		E. 2

[†] Two cases of mixed infection—diphtheria and scarlet Fever.

TABLE VI. contd.—RURAL DISTRICTS.

Country		Rurol	Ty-	Ty-	Dinh	Scarlet	Puer-	Pneur	nonia	Other Di
County		Rural District	phus	phoid	theria	Fever	peral Sepsis	Pri- mary	Influ- enzal	Other Diseases
Clare	•••	Ballyvaughan Ennis Ennistymon Killadysert Limerick No. 2 Scariff Tulla			4 5	$\begin{array}{c} 4 \\ 31 \\ 5 \\ 12 \\ 2 \\ 3 \end{array}$				
Cork	•••	Bandon Bantry Castletown Clarleville Clonakilty Cork Dunmanway Fermoy Kanturk Macroom Mallow Midleton Mitchelstown No. 1 Skibbereen		1 1 8	3 1 2 3	17 5 1 20 17 9 4 1 2	2	3 2 1 1 1	1 2	E. 1. E. 1 E. 1.
Donegal	•••	Ballyshannon Donegal Dunfanaghy Glenties Inishowen Letterkenny Milford Stranorlar		2 11 1 2 1 1 2	15 1 6	2 1 10 1				E. 1.
Dublin	***	Balrothery Celbridge No. 2 Dublin North Dublin South Rathdown No. 1			2 3 6 1 21	4 2 8 7 6		2	2	E. 1. E. 1. E. 1.
Galway	•••	Ballinasloe No. 1 Clifden Galway d Glenamaddy Gort Loughrea Mountbellew Oughterard Tuam	e	1	1 19 4 5 4 11	1 1 1 4 3 3 7			1.	D. 1.
Kerry	•••	Cahirciveen Dingle Killarney Listowel Tralee	8	2 3 2 4	1 17 3	1 1 4 1 24	1 1 7	1 2		
Kildare	***	Athy No. 1 Celbridge No. 1 Naas No. 1			1 3 10	1 5 17		1		
Kilkenny	•••	Callan Kilkenny Thomastown Waterford No. 2			2 9 1	3				
Laoighis	****	Athy No. 2 Mountmellick			3 17	5				
Leitrim	***	Carrick-on-Shan- non No. 1 Manorhamilton Mohill		1 1	4 18	2				

TABLE VI contd.—RURAL DISTRICTS—contd.

County		Rural	Ty-	Ty-	Diph-	Scarlet	Puer- peral	Pneur	nonia	Other Diseases
County		District	phus	phoid	theria	Fever	Sepsis	Pri- mary	Influ- enzal	Other Diseases
Limerick	•••	Croom Kilmallock Limerick No. 1 Mitchelstown No. 2. Newcastle Rathkeale		1	2 2 8 23 3 1	3 1 16	1	5.5	1	A. 1. E. 1.
Longford	· •••	Tipperary No. 2 Ballymahon Longford		1	1	9 1 2	1	4		
Louth	•••	Ardee No. 1 Dundalk Louth	.`		. 3	ನಾ ಕಾ	1		4	
Мауо		Ballina Ballinrobe Belmullet Castlebar Claremorris Swinford Westport		3 5 1	18 2 1	1 4 1 10 12 1	1	5 2		E. 1.
Meath	•••	An Uaimh Ceannanus Mór Dunshaughlin Meath Trim			1	2 1 1 11				
Monaghan	•••	Carrickmacross Castleblayney Clones No. 1 Monaghan		-1	14 1 1 7	9 7 2 14		1	1	B. 1., E. 1. A: 1. E. 1.
Offaly	•••	Birr No. 1 Edenderry No. 1 Roscrea No. 2 Tullamore		7	.1 2 2					
Roscommon		Athlone No. 2 Boyle No. 1 Carrick-on- Shannon No. 2 Castlerea Roscommon	3	1 13 3 1 1	11* 1 5 3 23	10	1 1 1	1	2	E. 1. E. 1. E. 1.
Sligo	•••	Boyle No. 2 Dromore West Sligo		1	. 1	7				
Tipperary (N	.R.)	Borrisokane Nenagh Roscrea No. 1			2	1 2	1			
Tipperary (S.	.R.)	Cashel Clogheen Clonmel No. 1 Tipperary No. 1		1	19 4 2	1 6 11				
Waterford	**,	Carrick-on-Suir No. 2 Kilmacthomas Lismore Youghal No. 2			5 19 2	2				

^{*} One case of mixed infection—diphtheria and scarlet fever.

TABLE VI contd.—RURAL DISTRICTS—contd.

County	Rural District	Ty- phus	Ty-	Diph- theria	Scarlet Fever	Puer- peral Sepsis		Influ-	Other Diseases
							mary	enzal	
Westmeath	Athlone No. 1 Ballymore Coole Mullingar			1 5 20	12 1 1 132		1		E. 3.
Wexford	Enniscorthy		2	11	1	1			E. 1.
	New Ross Wexford			.1	$\frac{1}{2}$		1		E. 2.
Wicklow	Baltinglass No. 1 Rathdrum			18	14 5				
		AND DESCRIPTION OF THE PARTY OF							
	TOTAL	11	99	481	626	22	43	17	A. 2., B. 1., D. 1., E. 26.
TOTAL:-	The second secon							And the second s	
County Borou	ighs		10 -	494	397	13	37	6	E. 61.
Urban Distric	ts		26	119	188	10 -	8	3	A. 1., E. 10.
Rural District	s ·	11	99	481	626	- 22	43	17	A. 2., B. 1., D. 1., E. 26
Total for all	Districts	11	135	1,094	1,211	45	88	26	A. 3., B. 1., D.1., E. 97.

TABLE VII.—Showing the Number of Cases of the undermentioned Diseases treated in Dublin Hospitals during the Quarter (13 weeks) ENDED SATURDAY, 30th December, 1933.

Dise	ASES		No. of Cases in Hospital at close of previous quarter	Admitted during quarter	Discharged	Died	No. under treatment on above date
Typhoid fever	•••	•••	16	4	15	3	2
Typhus	***	•••	. •.				
Small-pox	•••	•••		, •	. :		
Measles	•••	. ***	3	14	15	1 .	1
Scarlet fever	***		85	235	237		83*
Diphtheria	•••	, ***	139	321	287	37	136
Pneumonia	***		18	. 62	41	10	29

^{*}Exclusive of 12 patients in "Beneavin," the Convalescent Home of Cork Street Fever Hospital.

ABLE VIII.—MARRIAGES, BIRTHS AND DEATHS Registered during the Quarter ended 31st December, 1983, in SAGESTÁT ÉIREANN, shown by Protinces and Counting, with Deaths from some of the Principles Cases; Inquest Cases; Inexpert in Public Instructions; Uncertified Deaths; and the number of VACGINATIONS; also send to the whole of Northern Ineland. (Deaths in Institutions are assigned to the districts in which the deceased normally resided.— See Note on second page.)	
H	II.—MARRIAGES, BIRTHS AND DEATHS Registered during the Quarter ended 31st December, 1953, in SAORSTÁT EIREANN, shown by Provin Deaths from some of the Principal Gauss: Inquest Gares: Deaths from some of the Principal Gauss: Inquest Gares: Deaths in Public Institutions; Undertrine Deaths: and the number of VI also perfectly for the whole of Northern Ireland. (Deaths in Institutions are assigned to the districts in which the decembed normally resid at page.)

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135	134	69	7.9	1 69	99	7.0	21	937		120	34	137	61	29	449		89	162	73	303	2,266
78,4901	149,171	100.895	30 448	KO RAK	81 870	51.915	26,647	969,902		169,366	55,907	172,690	23.55	71,388	552,907		82,452	152,508	65 131	300,091	1,256,561
2,6851	1.161.708	861 573	906 6	2000,4	489,400 749,094	458.051	1,438	5,962,803		1,467,639	376,774	1,333,941	608 540	443,928	4,230,822		467,162	1,193,573	318.985	1,979,720	3,351,444 1,256,561
Cork Co Boronghi	Karry	foly	Timoniole Co Dono	Limerick Co. Doto	Tipperary A.L.	Weterford	WaterfordCo.Boro	MUNSTER	-	Galway	Leitrim	Mayo	mmon		CONNAUGHT		Cavan	Donegal	an	ULSTER (part of)	NORTHERN IRELAND(c)

Including accidental deaths, homicides, and suicides. (b) The returns for Balbriggan District in Balrothery Superintendent Registrar's District, Coolattin and Tinahely Districts in Macroom S.R.D., Salimasloe S.R.D., and Drumshanbo District in Carriek-on-Shannon S.R.D. and brumshanbo District in Carriek-on-Shannon S.R.D. and brumshanbo District in Carriek-on-Shannon S.R.D. to the treeived in time for Press, the number of Births and Deaths registered in the corresponding quarter of 1932 have been adopted. (c) For Northern Ireland, the Marriages relate to the quarter ended 30th Esptember, 1933.

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See note (*) on page 101.

YEARLY SUMMARY

OF

MARRIAGES, BIRTHS AND DEATHS.

Year 1933.

(Note-the figures are provisional-See Note on second page of Quarterly Return)

GENERAL SUMMARY.

The rate in 1933 per 1,000 of the population represented by the number of Marriages (13,967) registered in Saorstát Eireann was 4.7, as against 4.4 in 1932, and an average of 4.7 for the ten years 1923-32.

The Birth-rate in Saorstat Eireann during the year, based on 57,424 births, was 19·2 per 1,000 of the estimated population, as against $18\cdot 9$ per 1,000 for 1932, and an average of $20\cdot 1$ per 1,000 for the ten years 1923-32.

The birth-rate for the city of Dublin was $25\cdot 5$ per $1{,}000$; for the borough of Dún Laoghaire, 16.9; for the county borough of Cork, 23.6; for Limerick, 24.2; and for Waterford, 26.5.

For Northern Ireland the birth-rate was 19.4; for England and Wales, 14.4; and for Scotland, 17.6.

The rate for Belfast was $20\cdot7$; for Londonderry, $25\cdot7$; for London, $13\cdot1$; for Glasgow $19\cdot2$; and for Edinburgh, $15\cdot1$.

The rate in respect of Deaths registered in Saorstát Éireann, numbering 40,650, was 13.6 per 1,000, as compared with 14·5 in 1932 and an average of 14·4 for the ten years 1923-32. The death-rate for the city of Dublin was 15·3 per 1,000; for the borough of Dun Laoghaire,

14.5; for Cork, 14.9; for Limerick, 17.9; and for Waterford, 14.2.

The corresponding death-rate for Northern Ireland was 14.3; for England and Wales,

12.3; and for Scotland, 13.2. For Belfast the death-rate was 15.2; for Londonderry. 14.0; for London, 12.3; for Glasgow, 13.3; and for Edinburgh, 13.2.

The mortality rate represented by deaths in Saorstát Éireann from the Principal Epidemic Diseases (comprising typhoid fever, typhus, small-pox, measles, scarlet fever, whooping-cough, diphtheria, dysentery and diarrheal diseases) was 0.5 per 1,000, as compared with 0.6 in 1932 and an average of 0.5 for the five years 1928-32.

The death-rate from Influenza was 0.6 per 1,000, which was also the rate in 1932, the average rate for the five years 1928-32 being 0.4 per 1,000.

Deaths from Tuberculosis (all forms) afforded a rate of 1·1 per 1,000, as compared with 1.2 in 1932, and an average of 1.3 for the five years 1928-32.

The rate for Pulmonary Tuberculosis was 0.9 as against 1.0 in 1932.

Deaths from Puerperal Conditions represent a rate of 4·3 per 1,000 births registered during the year (1·4 per 1,000 from puerperal sepsis and 2·9 per 1,000 from other puerperal conditions), as compared with 4.6 in 1932 and also an average of 4.6 for the five years 1928-32.

The Infant Mortality rate (deaths under one year of age per 1,000 births registered) was 65, the rate for the year 1932 being 72, and the average for the ten years 1923-32, 70.

The estimated Population in the middle of 1933 (2,992,000) shows an increase of approximately 20,000 as compared with the result of the Census taken in April, 1926, viz., 2,971,992. This increase represents the difference between the balance of migrants outwards to places out of Europe and not within the Mediterranean Sea, and the natural increase (excess of births over deaths).

As compared with 1932, the estimated population in 1933 shows an increase of 18,000.

During the year 1933 the **Natural Increase** was 16,774, as compared with 13,256 in 1932, and an average of 15,344 for the five years 1928-32.

Emigrants numbered 975, as against 871 in 1932, and an average of 12,862 for the five years 1928-32, while the number of **Immigrants** was 3,192, as compared with 5,044 in 1932, the average for the five years 1928-32 being 3,614.

MARRIAGES.

The number of marriages registered in Saorstát Éireann during 1933 was 13,967, representing $4\cdot7$ per 1,000 of the estimated population. In the first quarter 3,611 were registered; in the second, 3,449; in the third, 3,553; and in the fourth, 3,354; affording rates per 1,000 of the population of $4\cdot8$, $4\cdot6$, $4\cdot8$, and $4\cdot5$, respectively (see Table I, page 87). Of the 13,967 marriages, 13,068 were celebrated according to the rites and ceremonies of the Catholic Church, representing $4\cdot7$ per 1,000 of the Catholic population; and there were 899 other marriages, equivalent to $4\cdot1$ per 1,000 of the population other than Catholic. The former rate is equal to and the latter $0\cdot1$ per 1,000 below the average of the ten years 1923-32.

BIRTHS.

The births registered in 1933 numbered 57,424, being 29,436 of males and 27,988 of females, or 1,052 of the former to 1,000 of the latter, and represent a rate of $19 \cdot 2$ per 1,000 of the population, as against an annual average of 59,753 births and a rate of $20 \cdot 1$ per 1,000 for the ten years, $1923 \cdot 32$.

The births recorded for **urban areas** amounted to 21,229 and for **rural areas** 36,195, the former being equivalent to $23 \cdot 8$ per 1,000 and the latter to $17 \cdot 2$, in comparison with the corresponding rates of $23 \cdot 1$ and $17 \cdot 1$ in 1932.

For the twelve Principal Towns in the aggregate the birth-rate was $24 \cdot 7$ per 1,000, as compared with $24 \cdot 1$ per 1,000 in the preceding year. The rate for the remaining urban districts was $20 \cdot 6$, as against $19 \cdot 8$ in 1932.

DEATHS.

The deaths registered in Saorstát Éireann during the year 1933 numbered 40,650, consisting of 20,684 deaths of males and 19,966 of females, and are equivalent to a rate of $13 \cdot 6$ per 1,000 of the estimated population, as against $14 \cdot 5$ in 1932 and an average rate of $14 \cdot 4$ for the ten years, 1923-32. (Table I, page 87.)

The death-rate per 1,000 for all **urban districts** (the population of which is about 29 per cent. of Saorstát Éireann) was 14·9 and for all **rural districts** 13·0, as compared with 15·4 and 14·0, respectively, in 1932.

For the twelve Principal Towns in the aggregate the rate was $15 \cdot 2$, as compared with $15 \cdot 7$

in 1932.

The individual towns with their rates per 1,000 of population, arranged in order from the lowest to the highest, are as follows:—Dundalk, 11·1; Tralee, 12·2; Wexford, 14·0; Waterford, 14·2; Dún Laoghaire, 14·5; Galway, 14·8; Cork, 14·9; Sligo, 15·1; Dublin, 15·3; Drogheda, 17·2; Limerick, 17·9, and Kilkenny, 18·7.

For the remaining urban districts (those with less than 10,000 population) the general death-rate in 1933 was $14 \cdot 0$, as against $14 \cdot 2$ in 1932.

Causes of Death.

In Table II, page 88, the number of deaths from some of the principal causes is shown for the years 1928-33, with the rates represented thereby.

Principal Epidemic Diseases.—Deaths from these causes in 1933 are equivalent to 0.51 per 1,000 of the population, as compared with an average of 0.53 for the five years 1928-32.

When compared with the average for the five years 1928-32, the number of deaths from typhoid fever for the year 1933 shows a decrease of 12, from typhus a decrease of 5, from measles a decrease of 137, and from whooping-cough a decrease of 3. Deaths from scarlet fever increased by 4 when compared with the average, from diphtheria by 91, and from diarrhæa and enteritis of children under 2 years by 9.

Of the deaths from diphtheria, 414 in number, 200 were recorded for urban areas, including 111 for Dublin city, 37 for Limerick county borough, and 14 for Cork county borough.

Table II shows that the mortality from the principal epidemic diseases in the counties and county boroughs varied from $0\cdot 1$ for each of Longford and Clare, and $0\cdot 2$ for each of Meath and Donegal counties to $2\cdot 2$ for Limerick county borough, and $1\cdot 2$ for Waterford county borough.

The death-rate from these diseases in relation to the twelve principal towns in the aggregate was 1·0 per 1,000, the rates fluctuating from 0·2 for Tralee to 2·2 for Limerick. The 706 deaths from all causes for the latter city included 2 from typhoid fever, one from scarlet fever, 15 from whooping-cough, 37 from diphtheria, and 32 from diarrhœa and enteritis of children under 2 years. (Table 3.)

Influenza.—The number of deaths registered from influenza was 1,746, as against an average of 1,251 during 1928-32, the respective annual rates being 0.58 and 0.42 per 1,000 of the population. The rate per 1,000 for the aggregate of cities or boroughs and urban districts was 0.5 and for rural districts 0.6.

Of the 1,746 deaths, 1,107 were registered in the first quarter, 383 in the second, 92 in the third, and 164 in the fourth.

The rates for counties and cities varied from $1\cdot 9$ for Longford, $1\cdot 3$ for Donegal, $1\cdot 2$ for each of Leitrim and Monaghan, and $0\cdot 9$ for each of Limerick county and Sligo, to $0\cdot 1$ for Waterford county borough, $0\cdot 2$ for Wexford, and $0\cdot 3$ for each of Kilkenny, Cork county and Cork county borough.

Tuberculosis.—Deaths from all forms of this disease numbered 3,434, being equal to 1·1 per 1,000 of the population, as compared with an annual average of 3,865 and a rate of 1·3 for the five years 1928-32. Table 2 shows that the rates in 1933 varied from 1·8 for the city of Dublin and 1·6 for Cork county borough to 0·7 for the counties of Roscommon and Cavan.

For the aggregate of cities or boroughs and urban districts, the death-rate from tuberculosis was $1\cdot 6$ per 1,000 of the population of these areas, as against $1\cdot 0$ for all rural districts. The rate for the twelve principal towns was $1\cdot 6$ per 1,000.

Puerperal Conditions.—The number of deaths attributed to accidents and diseases of pregnancy and childbirth was 248, affording a rate of $4\cdot3$ per 1,000 births registered, as compared with an average rate of $4\cdot6$ for the preceding five years. (Table II, page 88.)

Of the 248 deaths, 78 were ascribed to puerperal sepsis, or $1\cdot4$ per 1,000 births, and 170 to other puerperal conditions, or $2\cdot9$ per 1,000.

From Table 2, which shows the mortality for counties and county boroughs and for urban and rural areas in the aggregate, it will be seen that the rates varied from $8\cdot 9$ for Longford, $8\cdot 7$ for Offaly, and $8\cdot 6$ for Monaghan to $0\cdot 5$ for Dublin county.

The aggregate rate per 1,000 births for cities or boroughs and urban districts was $3 \cdot 0$, for rural districts $5 \cdot 1$, for the twelve principal towns $2 \cdot 7$, and for the urban districts under 10,000 population $4 \cdot 4$ per 1,000 births.

Ages at Death.

Of 40,650 deaths at all ages, 3,718 or $9\cdot 1$ per cent., were those of infants under one year of age, and 18,255, or $44\cdot 9$ per cent., were those of persons 65 years and upwards.

Infant Mortality.

The Infant Mortality rate in 1933 was 65 per 1,000 births registered, as against 72 in 1932, and an average of 70 for the ten years 1923-32. (Table I, page 87.)

Table 2, page 111, shows that for cities or boroughs and urban districts in the aggregate, the rate for infant mortality was 87 per 1,000 births and for rural districts 52.

Deaths in Public Institutions.

Deaths in Institutions numbered 11,787, or 29·0 per cent. of all deaths registered, as compared with 28·1 per cent. in 1932.

Inquests.

There were 1,234 inquests or deaths registered on Coroner's certificates during the year, or $3\cdot 0$ per cent. of the total deaths registered; the percentage in 1932 was $2\cdot 5$.

Uncertified Deaths.

The number of deaths in which the cause was not stated to have been certified by a medical practitioner was 7,648, or 18.8 per cent. of the total deaths, as against a percentage of 20.0 in 1932.

Vaccination.

As returned by the Registrars, the number of successful **primary** vaccinations during the year was 34,795, or $60 \cdot 6$ per cent. of the total births registered, the percentage for the year 1932 being $64 \cdot 7$.

CITY OF DUBLIN.

BIRTHS.

The number of births registered during 1933, exclusive of 1,361 occurring in institutions relating to other localities, was 10,693; the rate per 1,000 of the estimated population represented thereby was $25 \cdot 5$, as compared with $25 \cdot 3$ in 1932. The total births registered numbered 12,054, of which 6,167 were boys and 5,887 girls.

DEATHS.

Omitting 884 deaths registered in the city relating to other localities, and including those of persons usually resident in Dublin who died elsewhere in Saorstát Éireann, the deaths ascribed to the city numbered 6,405, equivalent to a rate of 15·3 per 1,000 of the estimated population, as against 15·7 for the year 1932. The total number of deaths registered in the city was 7,199 (3,650 males and 3,549 females).

In Table 4 the number of deaths by age-periods recorded for each of the districts comprising the city is shown, together with information regarding deaths from some of the principal causes. The mortality for these portions of the city is derived from figures partially corrected for deaths in institutions, for the year (52 weeks) ended the 30th December, 1933.

Causes of Death.

In the following statement is given the number of deaths from all causes by age-periods and from some of the principal causes recorded for the city of Dublin during the years 1932 and 1933, the latter by quarters, with the mortality per 1,000 of the estimated population for each of these years: also infant mortality, mean temperature, rainfall and sunshine.

			DEATH RATES PER 1,000					
CAUSES OF DEATH, &C.	37				1932	1933		
	Year 1932	Total	1st Qr.	2nd Qr.	3rd Qr.	4th Qr.	1302	1000
Typhoid fever Typhus Small-pox	$\begin{array}{c} 14 \\ 2 \\ \cdot \end{array}$	9	3	1	2	3	0.03	0.02
Measles Scarlet fever Whooping-cough Diphtheria Dysentery	$\begin{array}{c} 42 \\ 24 \\ 121 \\ 82 \\ 2 \end{array}$	71 8 42 111	48 7 11 30	19 17 17	3 1 8 25	6 39	0.10 0.06 0.30 0.20 0.00	0.17 0.02 0.10 0.26
Diarrhœa and Enteritis (children under 2 years)	188	152	. 22	16	74	40	0.45	0.36
Principal Epidemic Diseases	475	393	121	70	113	89	1.14	0.94
Influenza Pulmonary Tuberculosis Other forms ,, Cancer Pneumonia Other Respiratory Diseases Puerperal Sepsis Other puerperal conditions Violence Other Causes	122 557 146 484 638 789 11 26 168 3,083	189 584 157 473 707 666 12 11 188 3,025	166 175 35 119 336 297 1 1 41 887	16 162 44 107 143 129 2 5 49 668	1 123 39 109 68 95 5 2 47 638	6 124 39 138 160 145 4 3 51 832	0.29 1.34 0.35 1.16 1.53 1.90 0.03 0.06 0.40 7.41	$\begin{array}{c} 0.45 \\ 1.39 \\ 0.37 \\ 1.13 \\ 1.68 \\ 1.59 \\ 0.03 \\ 0.03 \\ 0.45 \\ 7.21 \end{array}$
AGES AT DEATH	1,046	891	266	192	214	219	100*	83*
1 and under 2	251 238 238 328 816 1,659 1,923	252 214 254 323 800 1,752 1,919	122 86 67 93 248 585 712	57 51 62 84 205 390 354	32 31 53 75 163 336 336	41 46 72 71 184 441 517	3.18 4.12 6.69 23.08 84.26	$ \begin{array}{c} 3.41 \\ 4.01 \\ 6.49 \\ 23.91 \\ 80.92 \end{array} $
Deaths from all causes	6,499	6,405	2,179	1,395	1,240	1,591	15.63	15.26
Death-rate per 1,000 of the popula-	15.6	15.3	20.8	13.3	11.8	15.2		
Infant Mortality (deaths under one year per 1,000 births)	100	83	101	69	75	80		,
Mean Temp. (Fahr.) in Phoenix Park	48.6°	49.5°	40.5°	52.5°	60.7°	44.3°		
Rainfall (in inches) ,,	29.61	21.24	7.56	4.53	3.62	5.53		
Bright Sunshine (Mean daily amount, in hours)	3.5	3.8	3.0	4.8	5.5	1,8		

*Per 1,000 Births.

CITY OF DUBLIN—contd.

Principal Epidemic Diseases.—It will be seen from the foregoing statement that the deaths from this group of causes numbered 393, affording a rate of 0.94 per 1,000 of the population as compared with 1.14 for the preceding year. When compared with the figures for 1932, decreases are shown in the mortality from typhoid fever, typhus, scarlet fever, whooping-cough, and diarrhea and enteritis of children under 2 years of age. In the case of measles the number of deaths increased from 42 to 71, and in the case of diphtheria from 82 to 111.

Influenza.—Deaths from this cause for the city numbered 189, equivalent to 0.45 per 1,000 of the population, as compared with a total of 122 and a rate of 0.29 for the year 1932. Of the total for the year under review, 166 were recorded for the first quarter.

Tuberculosis.—The number of deaths from all forms of this disease was 741, representing $1 \cdot 76$ per 1,000 of the population, as compared with $1 \cdot 69$ for the preceding year.

Of the total, 584 were ascribed to pulmonary tuberculosis, or $1\cdot39$ per 1,000 of the population, and 157 to other forms of the disease, or $0\cdot37$ per 1,000. In 1932, the corresponding rates were $1\cdot34$ and $0\cdot35$.

Ages at Death.

Of 6,405 deaths at all ages 1,357, (or $21\cdot 2$ per cent.) were those of children under 5 years of age, and 1,919 (or $30\cdot 0$ per cent.) of persons 65 years of age or upwards, the corresponding percentages for 1932 being $23\cdot 9$ and $29\cdot 5$.

Infant Mortality

There were 891 deaths of infants under one year of age recorded, representing a rate of 83 per 1,000 births, as compared with 100 in 1932. In Table 4 the rates for the respective districts of the city are shown.

Deaths in Public Institutions.

The deaths of Dublin residents which occurred in public institutions numbered 3,120, or 48.7 per cent. of the total deaths.

Cases of Infectious Diseases.

The number of cases of infectious diseases notified in the city during the year was 2,172, as shown in Table V, while Table VI gives the number of cases of certain diseases under treatment in Dublin hospitals during the same period.

TABLE 1.—MARRIAGES, BIRTHS AND DEATHS Registered during the Year ended 31st December, 1933, IN SAORSTAT ÉIREANN, shown by PROVINCES AND COUNTIES, with Deaths from some of the Principal Causes, Inquest Cases, Deaths in Public Institutions; Uncertified Deaths; and the number of VACGINATIONS; like the deceased normally some particular regarding Northern Irreland. (Deaths in Institutions throughout Saorstat Execum are assigned to the Areas in which the deceased normally some particular and the control of the Areas in which the deceased normally seemed to the Areas in which the deceased normally seemed to the Areas in which the deceased normally seemed to the Areas in which the deceased normally seemed to the Areas in which the deceased normally seemed to the Areas in which the deceased normally seemed to the Areas in which the deceased normally seemed to the Areas in which the deceased normally seemed to the Areas in which the deceased normally seemed to the Areas in which the deceased normally seemed to the Areas in which the deceased normally seemed to the Areas in which the deceased normally seemed to the Areas in which the deceased normally seemed to the Areas in which the deceased normally seemed to the Areas in which the deceased normally seemed to the Areas in which the deceased normally seemed to the Areas in which the deceased normal seemed to the Areas in which the Areas

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۱		sų	Uncertified Deat	7,648	93 64 20 125 140 155 155	233 106 145 240 610	1,564	25 100 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2,284	701 274 8887 4332 267	2,561	334 684 221	1,239
١			Desths in Public Institutions	11,787	138 499 3,120 2235 263 171	128 191 179 194 206 206 50	5,848	28. 20. 20. 20. 20. 20. 20. 20. 20. 20. 20	3,753	253 160 384 206 201	1,504	233 271 178	682
	-		Inquest Cases	1,234	22.0 22.0 48.4 46.4 46.4	327 108 140 160 160	534	22 22 22 22 22 23 24 25 25 25 25 25 25 25 25 25 25 25 25 25	395	88 118 120 121	195	24 14 14	110
			Violence	1,026	188 188 122 122	022711221 08724808	467	22 22 22 33 33 11 11 21 11	309	024499 01499	157	21 48 12 12	93
			Сансег	3,146	473 473 70 72 55	888 888 649 755	1,328	103 106 106 106 106 45 87 87 87	1,016	182 61 136 68 82	529	83 134 56	273
		ulosis	Totho Emro T	716	10 30 157 11 11	20 6 6 17 17 10	349	7-100 00 00 1178 00 1178 00	216	30 30 30 20 20 20 20 20	103	30	48
	nde	Tuberculosis	Pulmonary	2,718	2011 2016 2017 2017 2017 2017 2017 2017 2017 2017	27.744 60 60 44.09	1,275	247 108 108 103 81 81 81 81 82 45 61 24 24	834	123 133 47 47 51	399	120 40	210
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	the the	fro	Diarrhoea an Enteritis Children under 2 years	556	152 152 112 2112	520478	258	1444 033 033 031 031 031 031	240	13 7 9 10	43	es es es	15
		shs	Dysentery	-					1				
	Registered	Diseases	Diphtheria	414	12 20 111 120 10 13	014001041	210	21114 214136 21413	118	10 m m m m	67	1-1-10	19
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	Deaths	Epidemic	Scarlet	73	ଧାଧୀ ଉଷଣ ତ	.6157	29	87 H 1878 H 18 4	21	v . ov⊔	17	- co c1	9
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ı	E	Principal	xod-lism2										
ı			Typhus	10					21		•		
ı			Typhoid Fever	69	.40	H . H21 61	21		22	407091	18	нон	00
		hs of	Persons aged 65 years and upwards	18,255	- i	288 888 899 708 818 828 828 828 838 838 838 838 838 838 83	6,464	1,692 1,692 367 816 173 173 417 871 120	5,784	1,081 455 1,124 618 509	3,787	588 1,126 506	2.220
		Deaths	Infants under Tyear	3,718	. 163 163 891 897 884	147 252 254 165 165 165 165 165 165 165 165 165 165	1,803	683 120 120 120 120 120 120 120 120 120 120	1,208	186 127 46 46 69	474	72 115 46	233
	ered		Deaths.	40,650	9	547 866 921 716 716 848	16	1,190 1,166 1,1668 1,464 1,464 1,464 1,099 1,099	1	2,151 8838 1,089 965	7,098	1,121 2,061 939	4.121
74.)	Numbers Registe		Births	57,424		1,212 1,007 1,007 1,005 1,757		2,4,4,2,5,18,7,18,7,18,7,18,7,18,7,18,7,18,7,18		3,366 2,936 1,293 1,168	9,631	1,232 2.583 1,052	4.867
-See note on page 74.)	Numbe		Marri- ages	13,967	164 649 3,020 266 313	13, 2210 2210 2216 2216 229	6,443	2800 8008 8008 8008 8008 8008 8008 8008		671 200 595 327 282	2,075	295 599 254	1.148
e note					::::::		:	:::::::::::::::::::::::::::::::::::::::	:	:::::	:	:::	
-Se			PROVINCES AND COUNTIES.	SAORSTAT EIREANN			Leinster	Clare Cork Co. Borough Kerry Limerick Co. Borough Lipperary N. R	Total of Munster		Total of Connaught	:::	Total of Ulster (nart of)
			INCE	T EII	.:. ublin ::	:::::::::::::::::::::::::::::::::::::::	of L	Borou Co. B. N.R. S.R.	of M	:::g:	Con	:::	lster
			ROV	RSTA	D A	rd rd eatl	Total of	Clare	Total	m	tal of	a.l han	of II
			Д.	SAOI	Carlow Dublin City of Kildare Kilkenn	Longfo Louth Meath Offaly Westm Wexfol		Clare Cork Cork C Kerry Limeri Limeri Tipper Tipper Wateri		Galway Leitrim Mayo Roscom Sligo	To	Cavan Donegal Monagha	Total

MORTALITY BY COUNTIES, &c.

Table 2.—Showing for Counties, etc., the Death-rates from all Causes, and from some of the Principal Causes, per 1,000 of the population, with the mortality per 1,000 births represented by deaths of infants and deaths from puerperal conditions, during the YEAR ENDED 31st DECEMBER, 1933.

(See Note on page 80.)

		DEATH- POPU	RATES P	ER 1,000 FROM		Deaths of Infants	DEA	THS FROM	M PUERP	ERAL
Counties and County Boroughs by Provinces with Urban and Rural		Prin-	Tuber	culosis		under one year	То	tal		peral
Groupings	All Causes	cipal Epide- mic Dis- eases*	All Forms	Pul- monary	per 1,000	Number	Rate per 1,000 Births‡	Number	Rate per 1,000 Births‡	
SAORSTAT ÉIREANN	13.6	0.5	1.1	0.9	0.6	65	248	4.3	78	1.4
Carlow County Dublin " City of Dublin Kildare County Kilkenny Laoighis " Longford Louth Meath Offaly " Wextmeath Wexford Wicklow "	14·6 13·8 15·3 13·8 13·6 13·7 13·8 14·6 12·8 12·6 13·4 14·7	0·6 0·6 0·9 0·7 0·4 0·1 0·5 0·2 0·3 0·5	1:4 1:5 1:8 1:2 1:1 1:1 1:0 1:5 0:9 1:2 1:1 1:1	$\begin{array}{c} 1 \cdot 1 \\ 1 \cdot 2 \\ 1 \cdot 4 \\ 0 \cdot 9 \\ 1 \cdot 0 \\ 0 \cdot 8 \\ 0 \cdot 7 \\ 1 \cdot 1 \\ 0 \cdot 8 \\ 0 \cdot 9 \\ 0 \cdot 8 \\ 0 \cdot 8 \\ 1 \cdot 0 \\ \end{array}$	0·5 0·5 0·4 0·3 0·7 1·9 0·6 0·5 0·4 0·5	74 86 83 92 67 63 61 62 55 60 47 75 60	5 1 23 3 5 5 6 4 5 8 4 10 6	7·4 0·5 2·2 2·9 4·0 5·9 3·3 5·0 8·7 4·0 5·7 6·0	12 2 1 2 2 2 2 1	1·1 1·6 1·2 3·0 1·7 2·0 1·1
LEINSTER	14.5	0.6	1.4	1.1	0.5	73	85	3.4	23	0.9
Clare County Cork, ty Borough Kerry County Limerick Limerick Limerick Lipperary County N.R. Tipperary County N.R. Waterford County Waterford Co. Borough	12·5 12·8 14·9 11·0 13·9 17·9 13·4 13·5 13·9 14·2	0·1 0·4 0·8 0·3 0·7 2·2 0·3 0·4 0·4 1·2	1·0 1·1 1·6 0·9 1·0 1·4 1·2 1·0 0·8 1·2	0·8 0·9 1·4 0·7 0·8 1·1 1·0 0·7 0·6 0·9	0·7 0·3 0·3 0·5 0·9 0·8 0·6 0·4 0·4	41 57. 89 47 74 132 57 60 67 102	7 16 9 15 12 6 5 7 4	4·6 3·2 4·9 5·9 6·3 4·0 4·6 4·1 2·8	3 3 1 6 2 4 2 2 2 2 1	2·0 0·6 0·5 2·4 1·0 4.2 1·6 1·3 2·0 1·4
MUNSTER	13.2	0.5	1.1	0.9	0.5	66	83	4.6	26	1.4
Galway County Leitrim ,, Mayo ,, Roscommon ,, Sligo ,,	$ \begin{array}{c} 12 \cdot 7 \\ 15 \cdot 0 \\ 12 \cdot 1 \\ 12 \cdot 6 \\ 13 \cdot 5 \end{array} $	0·4 0·5 0·3 0·3 0·5	0·9 1·0 0·9 0·7 1·1	0·7 0·8 0·8 0·6 0·7	$ \begin{array}{c} 0 \cdot 4 \\ 1 \cdot 2 \\ 0 \cdot 5 \\ 0 \cdot 7 \\ 0 \cdot 9 \end{array} $	55 53 43 36 59	22 4 16 6 8	6·5 4·6 5·4 4·6 6·8	12 1 5 1	3·6 1·2 1·7 0·8 0·9
CONNAUGHT	12.8	0.4	0.9	0.7	0.6	49	56	5.8	20	2 · 1
Cavan County Donegal ,, Monaghan ,,	13·6 13·5 14·4	0·4 0·2 0·4	0·7 1·0 0·8	0·6 0·8 0·6	$\begin{array}{c} 0 \cdot 6 \\ 1 \cdot 3 \\ 1 \cdot 2 \end{array}$	58 45 44	6 9 9	4·9 3·5 8·6	1 2 6	0·8 0·8 5·7
ULSTER (part of)	13.7	0 · 3	0.9	6.7	1.1	48	24	4.9	9	1.8
Twelve Principal Town Districts Urban Districts under	15.2	1.0	1.6	1.3	0.4	88	45	2.7	21	1.2
10,000 Population Aggregate Urban Districts Aggregate Rural Districts	14.9 13.0	0.9	1.6	1.3	0.5	84 87 52	19 64 184	3.0	28 50	1.6 1.3 1.4

^{*} Typhoid fever, typhus, small-pox, measles, scarlet fever, whooping-cough, diphtheria, dysentery, and diarrheal diseases.

[†]The rates per 1,000 population for Saorstát Éireann and the City of Dublin are calculated on the estimated population in the middle of 1933; those for the other areas on the population according to the Census of 1926.

[‡] The rates per 1,000 births for the administrative counties of Dublin, Cork, Limerick and Waterford are based on births registered plus a proportion (derived from the record of transfers for 1930-32) of the births registered in the respective county boroughs relating to other localities.

URBAN DISTRICTS, 1933.

TABLE 3.—BREES and DEATHS registered during the Year 1933, relating to Urban Districts, including County Boroughs; the number of Deaths from some of the principal causes, and the number of Uncertified Deaths; also similar particulars of Bireres and Deaths, exclusive of those occurring in public institutions belonging to other localities, for Belears and Londonderen.

			No. Uncertified	7,648	7,311	337	176	64 222 26 26 27 26 27 27 27 27 27 27 27 27 27 27 27 27 27	161	ଜଗନ୍ୟର ବ୍ୟବର
		-n	In Public Instit	11,787	6,152	5,635	4,657	8,120 1,120 1,120 1,440 1,400	846	31-81-94414 37-098448711-52
	-		Inquest Cases †	1,234	762	472	388	20 20 20 20 44 11 20 40 40 40 40 40 40 40 40 40 40 40 40 40	84	
			Violence	1,026	699	357	273	80 80 80 80 80 80 80 80 80 80 80 80 80 8	84	
			Сапсет	3,146	2,091	1,055	828	473 101 473 455 119 119 110 110 110	227	್ರಾಬಹಯ4ಬಹಲ44 ಗೆಲ್ಲ
		ulosis	Other Forms	716	416	300	227		73	
		Tuberculosis	Pulmonary	2,718	1,585	1,133	894	284 100 124 245 115 115 110 110 121 121 121 121 121	239	000000000000000000000000000000000000000
			zzuənguI	1,746	1,333	413	308	189 180 100 100 100 100 100 100 100 100 100	105	
	by		Diarrhea & En- teritis (children under 2 years)	556	193	363	302	11.00.488 20.00.00.00.00.00.00.00.00.00.00.00.00.0	61	്യപ്ശിപ്പുംപ്
DEATHS	Caused	es	Dysentery	•	·		٠		•	
DE	Ca	Diseases	Diphtheria	414	214	200	178	111 241 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	- 22	o o
		nic]	Whooping-	288	175	113	85	4 20000000	31	,00 , , , , , , , , , , , , , , , , , ,
		Epidemic	Scarlet Fever	73	47	26	18	α ' ' H 4 ' H ' L ' C/	00	
			Measles	121	60	88	75		13	ਦੀਜ ,ਜ .ਜ
		Principal	sod-Ilems						٠	
			Typhus	-67	01				٠	
			Typhoid Fever	69	54	15	13	o 0001	67	
		epre.	Persons aged years and upw	18,255	13,950	4,305	3,249	1,919 2335 1709 120 120 60 66 66 66 67 66 66 66	1,056	331113493 2 33
.*			Infants under I year of age	8,718	1,877	1,841	1,483	891 12657 12657 127 177 177 178 28 28 29 44 29	85 70 80	701.82243641
			Total Number	40,650	27,344	13,306	10,417	6,405 1,168 1,168 378 210 156 219 129 129	2,889	000 000 000 000 000 000 000 000 000 00
SHTAI	В		Total Number	57,424	36,195	21,229	16,955	10,699 1,8505 956 2,850 2,850 2,850 2,850 2,71 2,71 3,71 3,71 3,71 3,71 3,71 3,71 3,71 3	4,274	4444 4456 1089 1089 1089 1088 1088
per ion*	SHO	oim	Principal Epide essesiG	0.5	0.3	0.0	1.0	0.0001100000000000000000000000000000000	0.7	00000000 0
al Rate per population* sented by	Principal Epidemic Dancies Difference Differ		All Causes	13.6	13.0	14.9	15.2	8.000000000000000000000000000000000000	14.0	41.7.0.2.1.4.1.0.7.7.4.
Annual Ra 1,000 popu represent			19.2	17.2	23.8	24.7	2222233 2222235 22222235 222222235 230077 250077 250077	20.6	250 250 250 250 250 250 250 250 250 250	
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A A A A A A A A A A A A A A A A A A A		PROVINCES	AND URBAN DISTRICTS	SAORSTAT FIREANN :	Total Rural Districts	Total Urban Districts	Total 12 Principal Towns	Dublin City† Dun Laoghaire Borough† Cork Co. Borough Limerick Limerick Meterford Duddalk Drogheda Wexford Wexford Traile Kilkenny	Total Urban Districts under 10,000 Population	I. LEINSTER. An Usimh Arklow Athlone Athlone Birr Bray Carlow Ceanamus Mor Cenamus Mor Emiscorthy Granard Howth Longford

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21.2 24.2 29.4 23.1	2421181112111112211 67687118704326674800778886 40479717870083684867007	28.9 10.7 18.8 16.1	10.7 10.7 10.0 10.0 10.0 10.0 10.0 10.0	20.7
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di do	MUNSTER. Carrick-on- Cashel Clonakity Clonakity Clonb Dungarvan Ennis Fermoy Killarney Macroom Mallow Menagel	CONNAUGHT Ballina Ballinasloe Castlebar Westport	Urster (p. Belturbet Buncrana Buncrana Carrickma Carrickma Castleblay (Cavan Cootehill Letterkenn Monaghan	City
Naas New Trim Tullar Wickl				Belfast City § Londonderry City §
	Ħ	ij	IV.	Lor

* For populations and density per acre, see Table IV, page 90.

† Including all deaths registered on Coroner's certificates.

‡ The rates for Saorstat Bireann, the City of Dublin, and the Borough of Dun Laoghaire are calculated on the estimated populations in the middle of 1933.

§ The information for Beitast and Londonderry relates to the 52 weeks ended 30th December, 1933. The birth and death rates are based on the Census Population of 1926: the epidemic rate includes influenza.

TABLE 4.—Showing for the Year 1933 (52 weeks), ended 30th December, 1933, the mortality from All Causes and from some of the Principal Causes of Residents of the several Registrars' Districts comprising the Cittes of Dublin And Cork,* also the Deaths at certain age periods and the number of Uncertified Deaths.

NOTE.—See note at heading of Table V, page 92.

(a) Typhoid fever.

T			fled Deaths	0.100-1		20	4-00	ധന്ധ	1 63] ~	4004101	101
-	1	-i	Number of Uncert				4421		35 63		1	9 22
	-	snoi	In Public Institut	248 413 244 240	2007	122	302 159 337 262		3035	088	777 669 899 899 124	549
	_		Inquest Cases	22 41 23 23	. 4	.88		172 19	0 221	34	01 488 81 41	40
ı			Other Causes	216 330 196 209	50	163	262 113 317 217	236 236 170 170 370	3010	473	123 860 80 722 722 466 988 151	1656
ı			Violence	113 113 119	· 10	10	15 9 18 20	0	183	38	0.0	20
ı		Diseases of Respiratory System	Обрег	74 80 52 63	ଷତ	30 19	60 52 52	31 31 22	664	33	4.0822.08	112
ı		Respi Sys	Pneumonia	69 106 36 63	• •	36	20 20 93 65	12 37 27 27 30	703	52	11086	09
ı	W.		Сапсет	34 50 40 40	.12	27 19	82144 8224	46 16 77 58	463	135	451 100 100 100 100 100 100 100 100 100 1	104
ı	FROM	er-	Ofher Forms	111 14 16 6	170	*	130 130 140	122 9 12 12 12 12 12 12 12 12 12 12 12 12 12	156	00 60	ಬಹು ಅವಗಾಹ	19
ı	DEATHS	Tuber- culosis	Pulmonary	56 61 47 34	010	28	25 46 45	.0 80 80 80 80 80 80 80 80 80 80 80 80 80	559	61	110 110 110 110 110 110 110 110	104
	DE		Linfluenza	12 21 19 19		.92	10021	145 104 104 105 105 105 105 105 105 105 105 105 105	187	11	4:0:100H0	19 1
		ses	Diarrhosa and Enteriti under 2 years	10 18 18 18		44	20 6 116 115	.4257 .0	151	13	102201-20	45
ı		Epidemic Diseases	Diphtheria	202		-100.	00-100-1	113	111	19	. 401010140	14
υ.	2	mic J	Whooping-cough	H70 '4		্ল .	V-104	্লক্ল থ	40 1	H	N H	00
DEATHS		Spide	Scarlet Fever			-			00			
TO			Measles	70 0 40		্ল অ	®10 F-4		7.1	4	-	
ı		Principal	Typhoid Fever, Typhu Small-pox, Dysentery	1a						5a		22
ı	-		ebiswqu bas 68						1894 9		27.444.00 88.88.88.25	-1
ı			45 and under 65	8 133 2 191 0 89 3 139		3 105 3 68	0 119 7 58 1 178 6 140			3 197	1	9 365
ı	H		25 and under 45	9 158 0 192 5 130 4 143	3 21	538		15.52 83.28 15.28 15.38	3 1721	3 276	8 2 2 4 4 5 4 5 4 5 5 5 5 5 5 5 5 5 5 5 5	3 319
ı	DEATH		25 and under 25	69 90 545	27.50	29 29		34,34	282	176	118 116 128 128 140 140	163
ı	AT I		5 and under 15	18 30 30 16 16	014	13		88448	314	52	0 - 5 4 6 7 5	50
l	GES		d 19ban bas 2	22 30 14 17		155		22 25	254	36	1065	38
ı	A			1621	• 60	. 0.8		10212-13	214	29	⊕ 4∞∞∞4∞	30
l			2 loban bas I	22 37 18 17	. –	102	35 16 37 21	.41047	251	15	44000000	53
ı	-		Under 1 year	71 134 59 189	11	233.	107 105 105 73	432237	884	101	222 222 30 30 30	165
			TOTAL DEATHS	504 735 424 491	14 98	327 220	575 24(66(492	4448 338 338 630	6315	884	190 147 163 140 88 88 163 268	1159
	ANNUAL	OF MORTALITY PER 1,000 LIVING*	REPRESENTED BY DEATHS FROM FROM PRIN- CIPAL ALL ALL EPI- AUSES DISI- EASES	0.01.01.01.01.01.01.01.01.01.01.01.01.01	0.5	0.8	1.0	0.07	0.9	alities	0.00 2.00 0.00 0.00 0.00	8.0
	ANN	OF MORTALI PER 1,000 LIVING*	REPRES BY DI FROM ALL CAUSES	14.0 16.8 15.7 14.5	7.4	15.7	15.55	12.8 12.8 16.3 15.1	15.0	from lo	184.8 184.1 164.0 175.7 183.6	14.8
			INFANT MOR- TALITY PET 1,000 BIRTHS	80 105 79 114	20	444 533	92 98 98	54 109 - 54	83	admitted	102 78 96 122 120 76 66	68
			REGISTRARS' DISTRICTS, &c. 1	North City No. 1 East , No. 2 , No. 2 , No. 2	part of	Coolock & Drumcondra, 1&2 ptof, Finglas and Glasnevin, Nos. 1 & 2,	Bouth City No. 1 part of No. 2 No. 3 No. 4	Clondakin, part of	TOTAL CITY OF DUBLIN	Deaths in Institutions of persons admitted from localities outside the City of Dublin (not included in above)	Cork Urban No. 1 "" No. 3 "" No. 4 "" No. 6 "" No. 6 "" No. 7	TOTAL CITY OF CORK

Table 5.—Summary of Cases of Infectious Diseases notified to the Department of Local Government and Public Health, in respect of Saorstát Éireann, for the Year 1933.

The letters in the last column denote the following diseases:—A. Acute anterior poliomyclitis. B. Cerebro-spinal meningitis. C. Continued fever. D. Encephalitis lethargica. E. Erysipelas. F. Ill-defined fever. G. Membranous Croup. H. Meningitis. J. Ophthalmia Neonatorum.

COUNTY BOROUGHS.

Co	unty Boi	roughs		Typhus	Typhoid	Diph- theria	Scarlet Fever	Puer- peral Sepsis	Pneur Primary		Other Diseases (see note above)
Cork		••	••		2	109	181	11	3	2	D. 1 E. 24
Dublin	••	••	••		49	1,073	. 714	12	*190	6	B. 6 D. 5 E. 117
Limerick	• •	• •	••		13	455	233	6	31	12	C. 2 E. 10
Waterford			••		2	44	87	4		1	
	To	ral.			66	1,681	1,215	33	*224	21	B. 6 C. 2 D. 6 E. 151

^{*}Included in this figure are 71 cases reported as Primary and Influenzal Pneumonia.

URBAN DISTRICTS

County		Urban Distric	Typhus	as Typhoid	Diph-	Scarlet	Puer- peral	Pneu	monia	Other Diseases
					theria	Fever	Ŝepsis	Pri- mary	In- fluenzal	
Carlow		Carlow .			33	31	1	1	4	E. 3
Cavan	••	Belturbet . Cavan . Cootehill .			4. 1	15 16		1	2 1 12	
Clare	• •	Ennis .		3	16					

Country	Urban District	Typhus	Typhoid	Diph-	Scarlet	Puer-	Pneur	nonia	Other Diseases
County	Ordan District	Typnus	Турцога	theria	Fever	peral Sepsis	Pri- mary	In- fluenzal	Other Diseases
Cork	Cobh Fermoy Kinsale	-	1	6	2 1	1			
	Mallow Midleton Passage West Skibbereen			1 2	2 2 1 . 2	1		2	E. 1
	Youghal			2	26	1	1		E. 1
Donegal	Buncrana Bundoran Letterkenny			7	3 1			4	E. 2
Dublin	Dún Laoghaire Howth		1	19 1	- 72 10		1		E. 9
Galway	Ballinasloe Galway		3 4	2 59	1 15	6	. 1		E. 1 D. 2 E. 8
Kerry	Killarney Listowel Tralee		1 4 5	27 3	3 12		. 4	2	
Kildare	Athy Naas			2 13	5	1	1		A. 1
Kilkenny	Kilkenny			6	25				
Longford	Longford Granard		2* 1	10†	7 4	. 2			E. 1
Louth	Drogheda Dundalk		1	5 13	12 12				
Mayo	Ballina Castlebar Westport		1 11	6	14 4		3		E. 2
Meath	An Uaimh		1		4				
Monaghan	Carrickmacross Castleblayney Clones Monaghan		3	5 2 2 10	13 24	3	2	2	E. 1 E. 1 E. 2
Offaly	Birr Tullamore		1 1	2 17	. 8	1			D. 1
Sligo	Sligo		1	20‡	14				
Tipperary N.R.	Nenagh			,	. 5				
Tipperary S.R.	Carrick-on-Suin Cashel Clonmel Tipperary		2 1	2 2 6 7	1 17 52 23				
Westmeath	Athlone			3	1		2		
Wexford	Enniscorthy New Ross Wexford			1 3 3	8 2		3 6	.2	
Wicklow	Arklow Bray Wicklow			6 4 10	11 5				
	TOTAL		48	347	487	17	27	31	A. 1 D. 3 E. 32

^{*} One case of paratyphoid.

[†] One case of mixed infection-diphtheria and scarlet fever.

[‡] Two cases of mixed infection—diphtheria and scarlet fever.

RURAL DISTRICTS

County	Rural District	Typhus	Typhoid	Diph-	Scarlet	Puer-	Pneu	nonia	Other Di-
Country	Turai District	Lypnus	турного	theria	Fever	peral Sepsis	Pri- mary	In- fluenzal	Other Diseases
Carlow	Baltinglass No. 2 Carlow Idrone			$\begin{array}{c} 5\\12\\1\end{array}$	27			2	E. 2
Cavan	Bailieborough Bawnboy Castlerahan Cavan Mullaghoran.		2 2 1	16 1 2 26 4	7 1 3 33 2	1 1	2 1 2	7 21 4	E. 1 E. 2
Clare	Ballyvaughan Corofin Ennis Ennistymon Killadysert Limerick No. 2 Scariff Tulla			4 1 2 13 2	2 9 31 5 18 3 4			To division to the second seco	Maria de la companya
Cork	Bandon Bantry Castletown Charleville Clonakilty Cork Dunmanway Fermoy Kanturk Kinsale Macroom Millstreet Mitchelstown		1 2 1 13 13	9 4 9 24 5 2 1 3 5 5 5 5	53 6 2 43 5 24 9 14 4 15 25 13	1 1 2 3	1 3 16 1 2 2 6	1 15 2 6 1	A. 1 E. 1 E. 4 E. 1
Division	No. 1 Skibbereen Skull Youghal No. 1		1	1	3 4 7 2	1	1	4	E. 1 E. 1
Donegal	Ballyshannon Donegal Dunfanaghy Glenties Inishowen		1 3 22 2 7	35 4 24	13 3 14 17		13	37	B. 1 E. 2
	Letterkenny Milford Stranorlar		1 3	1 2 5	1 5 12		2	1	
Dublin	Balrothery Celbridge No. 2 Dublin Nth		4	20 7 18	20 10 17	1	5 1 6	6 1 8	F. 4
	Dublin Sth Rathdown No.1		2 3	15 56	27 27		4	2	E. 5 E. 4 E. 1
Galway	Ballinasloe No. Clifden Galway Glenamaddy Gort Loughrea		2 1 2	4 1 33 7 10 10	4 1 14 1 2 12	1 2 2	2 1	1	E. 2 E. 1 D. 1
-	Mountbellew Oughterard Portumna		1 3	11 13 2 34	6 12 2 19	1	1 4	1	E. 1 E. 1 B. 1 E. 2 B. 1 E. 1
Kerry	Cahirciveen Dingle Killarney Listowel Tralee	8	6 5 15 4 8	3 1 2 23 7	1 14 8 14 32	1 1 2 7	3 2 3 6	1 1 5 20	E. 1 E. 1 D. 1
	Contract party	-	TOB W	Parity of	7 3 5	No.	-		San Contraction

						Puer-	Pneur	monia	OII D'
County	Rural District	Typhus	Typhoid	Diph- theria	Scarlet Fever	peral Sepsis	Pri- mary	In- fluenzal	Other Diseases
Kildare	Athy No. 1 Celbridge No. 1 Edenderry No. 2 Naas No. 1		1	2 7 1 26	1 21 1 51		10		E. 1 A. 1 E. 1
Kilkenny	Callan Carrick-on-Suir No. 3 Ida Kilkenny Thomastown Waterford No. 2			2 1 24 8	10 4 4 3 1				A. 1
Laoighis	Abbeyleix Athy No. 2 Mountmellick Slievemargy			9 3 34 3	14 1			2	
Leitrim	Ballinamore Carrick-on-Shannon No. 1 Manorhamilton Mohill		3* 5 2	4 24	2 1			2	
Limerick	Croom Kilmallock Limerick No. 1 Mitchelstown No. 2		2 4 8	18 8 42	45 12 67	3 1 1	2 6 2	10 11 2	A. 1 E. 1
	Newcastle Rathkeale Tipperary No. 2		3 1 1	42 16 2	27 27 29	3 2	11 12 9	2 6 13 4	E. 1
Longford	Ballymahon Granard No.1 Longford		2 1	8	2 2 13				
Louth	Ardee No. 1 Dundalk Louth		1	5 8 7	6 14	1		10	G. 1
Mayo	Ballina Ballinrobe Belmullet Castlebar Claremorris Swinford Westport		2 4 14 1 15	33 3 3 17 21	26 6 2 32 17 20	1	5 3 6 5	5 5	D. 1 E. 3 E. 1
Meath	An Uaimh Ardee No. 2 Ceanannus Mór Dunshaughlin Meath Trim		1 1 1	5 4 4	5 6 1 18 2 19				
Monaghan	Carrickmacross	1999	1	17	14	2	4	2	B. 1 E. 3
	Castleblayney Clones No. 1		5 1	3 3	14 3	3	3	1	E. 3 A. 3 A. 1 E. 2 E. 2
	Monaghan			23	28	1	1	2	E. 2
Offaly	Birr No. 1 Edenderry No. 1 Roscrea No. 2 Tullamore		7 1	5 23 8	1 1	1		10000	
Roscommon	Athlone No. 2 Boyle No. 1 Carrick-on-		4 15*	21†	13	2	1	8	E. 1. E. 1
	Shannon No. 2 Castlerea	3	4 6	37 15	2 3	4	5	12	E. 2 A. 1 D. 1
	Roscommon		4	66	26‡	3	1	1	E. 1 D. 1 E. 8

^{*} One case of paratyphoid. † One case of mixed infection—diphtheria and scarlet fever. ‡ Three cases of mixed infection—scarlet fever and diphtheria.

County	Rural District	Typhus	Typhoid	Diph-	Scarlet	Puer-	Pneu	monia	Oth on Discours
County	Rural District	Lypitus	Typholu	theria	Fever	peral Fever	Pri- mary	In- fluenzal	Other Diseases
1000000		1							
Sligo	Boyle No. 2 Dromore W. Sligo		2	2 5 5	8 3				
Tipperary N.R.	Borrisokane Nenagh Roscrea No. 1 Thurles			10 2 1	9 3	1			
Tipperary S.R.	Carrick-on- Suir No. 1 Cashel Clogheen Clonmel No. 1 Slieveardagh Tipperary No. 1		4 2	43 11 4	1 17 27 32 5			2	Constant Cons
Waterford	Carrick-on- Suir No. 2 Kilmacthomas Lismore Waterford No. 1 Youghal No. 2	1		5 23 2	7 1 1 3 7	1			
Westmeath	Athlone No. 1 Ballymore Coole Delvin Mullingar		1 8	2 16 1 28	$\begin{array}{ c c } & 4 \\ 12 \\ 2 \\ 7 \\ 166 \end{array}$	1	1	1 1 1	E. 1 E. 1 E. 1 E. 7
Wexford	Enniscorthy Gorey New Ross Wexford		3	14	10 1 1 1 5	1 1	1 1 8	1 4	E. 1
Wicklow	Baltinglass No. 1 Rathdown No. 2 Rathdrum Shillelagh		1 2	9 1 25 2	18 1 9	3		2	D. 1 E. 1
	TOTALS	12	288	1,350	1,668	66	193	265	A. 9 B. 4 D. 7 E. 87 G. 1
Тота	LS :								
County Borough	hs		66	1,681	1,215	33	224*	21	B. 6 C. 2 D. 6 E. 151
Urban Districts			48	347	487	17	27	31	A. 1 D. 3 E. 32
Rural Districts		12	288	1,351	1,667	66	193	265	A. 9 B. 4 D. 7 E. 87 G. 1
TOTAL FOR ALL	DISTRICTS	12	402	3,379	3,369	116	444*	317	A. 10 B. 10 C. 2 D. 16 E. 270 G. 1

^{*} Included in these figures are 71 cases reported as primary and influenzal pneumonia.

Table 6.—Showing the Number of Cases of the undermentioned Diseases treated during the Year 1933 (52 weeks), in the principal Dublin Hospitals.

DISEASES	No. of Cases in Hospital at close of previous year	No. Admitted during year	Discharged	Died	No. under treatment at close of period
		B (1)		1. 0m3d003720	Washington Co.
Enteric Fever	 32	53	74	9	2
Typhus	 3901311				A Comment
Small-pox				1.07 100	
Measles	 35	338	339	33	1
Scarlet Fever	 113*	790	812	8	83
Diphtheria	 102	1,095	943	118	136
Pneumonia	 26	272	215	54	29
				Light Lynhose	

^{*} Exclusive of 21 patients in Beneavin, the Convalescent Home of Cork Street Fever Hospital.

O IFIG AN ARD-CHLÁRADÓRA, TIGH AN CHUSTUIM, Baile Átha Cliath, 21adh lá de mhí Márta, 1934. E. P. McCARRON, Ard Chláradóir.